

THE PATENT OFFICE RECORD

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Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	15
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public	41
PCT Application Entering the National Phase	
Demandes PCT entrant en phase nationale	75
Canadian Laid-Open Applications Previously Unavailable for Publishing	
Demandes canadiennes mises à la disponibilité du public non disponible auparavant pour publication	151
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	153
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public	159
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	165
Index of Canadian Laid-Open Applications Previously Unavailable for Publishing	
Index des demandes canadiennes mises à la disponibilité du public non disponible auparavant pour publication	179

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. As an example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind of Publication
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language
- [30] - Convention Priority Data
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - International Filing Date
- [87] - WIPO Publication Number

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant à l'en-tête des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses à l'en-tête des brevets sont des codes INID. Le sigle "INID" signifie "Identification Numérique Internationalement agréée en matière de Données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sié à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Genre de publication
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue
- [30] - Informations relatives à la priorité conventionnelle
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Date du dépôt internationale
- [87] - Numéro de publication de l'OMPI

Avis

2. Country Code

AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua nad Barbuda
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AR	Argentina
AT	Austra
AU	Australia
AZ	Azerbaijan
BB	Barbados
BD	Bangladesh
BE	Belgium
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Côte d'ivoire
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CU	Cuba
CV	Cape Verde
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador

2. Code des pays

AD	Andorre
AE	Emirats Arabes Unis
AF	Afghanistan
AG	Antigua
AL	Albanie
AM	Arménie
AN	Antilles Pays-Bas
AO	Angola
AR	Argentine
AT	Autriche
AU	Australie
AZ	Azerbaïdjan
BB	Barbade
BD	Bangladesh
BE	Belgique
BG	Bulgarie
BH	Bahrein
BI	Burundi
BJ	Benin
BM	Bermudes
BN	Brunei
BO	Bolivie
BR	Brésil
BS	Bahamas
BT	Bhoutan
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CF	République Centrafricaine
CG	Congo
CH	Suisse
CI	Côte d'ivoire
CL	Chili
CM	Cameroon
CN	Chine
CO	Colombie
CR	Costa Rica
CU	Cuba
CV	Cap-Vert
CY	Chypre
CZ	République tchèque
DE	Allemagne
DJ	Djibouti
DK	Danemark
DM	Dominique
DO	République dominicaine
DZ	Algérie
EC	Equateur

Notices

EE Estonia
EG Egypt
EP European Patent Office
ES Spain
ET Ethiopia

FI Finland
FJ Fiji
FR France

GA Gabon
GB United Kingdom
GD Grenada
GE Georgia
GH Ghana
GI Gibraltar
GM Gambia
GN Guinea
GQ Equatorial Guinea
GR Greece
GT Guatemala
GW Guinea-Bissau
GY Guyana

HK The Honk-Kong Special Administrative Region of the
People's Republic of China
HN Honduras
HR Croatia
HT Haiti
HU Hungary
HV Haute-Volta

IB International Bureau of the World Intellectual Property
Organization (WIPO)
ID Indonesia
IE Ireland
IL Israel
IN India
IQ Iraq
IR Iran (Islamic Republic of)
IS Iceland
IT Italy

JM Jamaica
JO Jordan
JP Japan

KE Kenya
KG Kyrgystan
KH Cambodia
KM Comoros
KN Saint Kitts and Nevis
KP Democratic People's Republic of Korea
KR Republic of Korea
KW Kuwait

EE Estonia
EG Egypte
EP Office Européenne de brevets
ES Espagne
ET Ethiopie

FI Finlande
FJ Fidji
FR France

GA Gabon
GB R.U.
GD Grenade
GE Georgie
GH Ghana
GI Gibraltar
GM Gambia
GN Guinée
GQ Guinée Equatorial
GR Grèce
GT Guatemala
GW Guinée-Bissau
GY Guyane

HK Honk-Kong
HN Honduras
HR Croatie
HT Haïti
HU Hongrie
HV Haute-Volta

IB Bureau international de l'Organisation mondiale de la
propriété industrielle (OMPI)
ID Indonésie
IE Irlande
IL Israël
IN Inde
IQ Iraq
IR Iran
IS Islande
IT Italie

JM Jamaïque
JO Jordanie
JP Japon

KE Kenya
KG Kirghizistan
KH Kampuchea
KM Comores
KN Saint-Christophe et Nieves
KP République populaire démocratique de Corée
KR République de Corée
KW Koweït

Avis

KZ	Kazakhstan
LA	Laos
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Republic of Moldova
MG	Madagascar
ML	Mali
MN	Mongolia
MR	Mauritania
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New-Caledonia
NE	Niger
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PG	Papua New Guinea
PH	Phillippines
PK	Pakistan
PL	Poland
PT	Portugal
PY	Paraguay
QA	Qatar
RO	Romania
RU	Russian Federation
RW	Rwanda

KZ	Kazakhstan
LA	Laos
LB	Liban
LC	Sainte-Lucie
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	République arabe Lybienne
MA	Maroc
MC	Monaco
MD	République de Moldova
MG	Madagascar
ML	Mali
MN	Mongolie
MR	Mauritanie
MT	Malte
MU	Maurice
MV	Maldives
MW	Malawi
MX	Mexique
MY	Malaisie
MZ	Mozambique
NA	Namibie
NC	Nouvelle-Calédonie
NE	Niger
NG	Nigeria
NI	Nicaragua
NL	Pays-Bas
NO	Norvège
NP	Népal
NR	Nauru
NZ	Nouvelle-Zélande
OM	Oman
PA	Panama
PE	Pérou
PG	Papouasie et Nouvelle Guinée
PH	Phillippines
PK	Pakistan
PL	Pologne
PT	Portugal
PY	Paraguay
QA	Qatar
RO	Roumanie
RU	Fédération de Russie
RW	Rwanda

Notices

SA	Saudi Arabia	SA	Arabie Saoudite
SB	Solomon Islands	SB	Salamon Iles
SC	Seychelles	SC	Seychelles
SD	Sudan	SD	Soudan
SE	Sweden	SE	Suède
SG	Singapore	SG	Singapour
SI	Slovenia	SI	Slovenie
SK	Slovakia	SK	Slovaquie
SL	Sierra Leone	SL	Sierra Leone
SM	San Marino	SM	San Marino
SN	Senegal	SN	Sénégal
SO	Somalia	SO	Somalie
SR	Suriname	SR	Surinam
ST	Sao Tome and Principe	ST	Sao Tome et Principe
SV	El Salvador	SV	El Salvador
SY	Syria	SY	République Arabe Syrienne
SZ	Swaziland	SZ	Swaziland
TD	Chad	TD	Tchad
TG	Togo	TG	Togo
TH	Thailand	TH	Thaïlande
TJ	Tajikistan	TJ	Tadjikistan
TM	Turkmenistan	TM	Turkmenistan
TN	Tunisia	TN	Tunisie
TO	Tonga	TO	Tonga
TR	Turkey	TR	Turquie
TT	Trinidad and Tobago	TT	Trinite et Tobago
TV	Tuvalu	TV	Tuvalu
TW	Taiwan, Province of China	TW	Taïwan
TZ	United Republic of Tanzania	TZ	Tanzanie
UA	Ukraine	UA	Ukraine
UG	Uganda	UG	Ouganda
US	United States of America	US	États-Unis
UY	Uruguay	UY	Uruguay
UZ	Uzbekistan	UZ	Ouzbekistan
VA	Holy See	VA	Vatican
VC	Saint Vincent and the Grenadines	VC	Sainte Vincent et les Grenadins
VE	Venezuela	VE	Vénézuela
VG	Virgin Islands (British)	VG	Iles Vierges Britannique
VN	Viet Nam	VN	Viet-Nam
VU	Vanuatu	VU	Vanuatu
WO	World Intellectual Property Organization (WIPO) (International Bureau of)	WO	WIPO
WS	Samoa	WS	Samoa
YE	Yemen	YE	Yemen, Démocratique
YU	Yugoslavia	YU	Yougoslavie
ZA	South Africa	ZA	Afrique du Sud
ZM	Zambia	ZM	Zambie
ZW	Zimbabwe	ZW	Zimbabwe

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter to be found in any class or subclass may be purchased, for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, and including the Subject Matter Index, and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

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Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courier électronique: tic@micromedia.on.ca

B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

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- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
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- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

C) Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from Micromedia at \$325 and \$40 respectively.

Those wishing further information including prices for both previous and current subscriptions should contact Micromedia Limited directly, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613)237-4250, Facsimile (613) 237-4251

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- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

C) Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de Micromedia Limited au coût de 325 \$ et 40 \$ respectivement.

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Courier électronique: tic@micromedia.on.ca

Avis

6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian-patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613)237-4251

Toll Free for North America: 1-800-567-1914

E-mail:tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and those that have expired, may be ordered at a price of 50¢ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

6. Commandes de brevets par classe ou sous-classe

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7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Notices

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Application for compulsory licence is made to the Commissioner of Patents.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for sale or licence. These and other patents now made available for licensing are included in the listing given in part 10 of these notices.

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing.

2,049,579
2,138,484

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,122,350 which issued on April 20, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

All applications for patents filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect of the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request of, or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour vente ou octroi de licence. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée à l'avis no. 10 des présents avis.

10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,049,579
2,138,484

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 20 avril 1982 sont maintenant expirés, jusque et y compris le no. 1,122,350. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultés après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être con-

Avis

time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

sultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

13. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (line [25]) EN (English) or FR (French).

13. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (à la ligne [25]) la langue de la copie du brevet publié.

14. PCT Notices

New Fee Schedules

Please find attached a new schedule of fees.

As of December 01, 1998, the basic fee has increased to \$721.00, the supplement per sheet has increased to \$17.00 and the designation fee has increased to \$166.00 per designation for a total of \$1,826.00.

As of December 15, 1998, the International Search Fee has increased to \$2,088.00.

14. Avis PCT

Nouveau barème de taxes

Veuillez trouver ci-attaché un nouveau barème de taxe.

A compter du 1^{er} décembre 1998, la taxe de base a augmenté à 721,00 \$, le montant par feuille supplémentaire a augmenté à 17,00 \$ et la taxe de désignation a augmenté à 166,00 \$ par désignation pour un total de 1 826,00 \$.

A compter du 15 décembre 1998, la taxe de la recherche internationale a été augmentée à 2 088,00 \$.

Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, Vol. I; No. 93 and 230).

Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, Vol. I, no. 93 et 230).

Wendy McQuaig
Acting Head, PCT Office/Chef intérimaire, bureau PCT
for the Commissioner of Patents/
pour le Commissaire aux Brevets

Avis

15. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE FROM 15 DECEMBER 1998

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	721.00
Amount for each additional sheet over 30	15.00

3. **Designation Fee:** (Rule 15.2(a)) 166.00
The maximum that can be charged for the Designation Fee is \$1,660.00; therefore, if more than 10 countries are designated the fee remains \$1,660.00

4. **International Search Fee** \$2,088.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee** 50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: Basic Fee

Preliminary Examination

6. Handling Fee: (Rule 57.2(a))	285 DM**
7. Preliminary Examination Fee: (Rule 58)	3,000 DM**

* International fees will be reduced by \$220.00 for all applications filed using PCT-Easy.

**The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

References to the Rules are to the Regulations under the PCT.

15. Traité de coopération en matière de brevets (PCT)

BARÈME DE TAXES À PARTIR DU 15 DÉCEMBRE 1998

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	721,00
Montant pour chaque feuille au delà de 30	15,00

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 166,00
Le maximum payable pour la taxe de désignation est de 1 660,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 660,00 \$.

4. **Taxe de recherche internationale** 2 088,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif** 50% du montant impayé, ou,
Minimum: taxe de transmission
Maximum: taxe de base

Examen préliminaire

6. Taxe de traitement: (Règle 57.2(a))	285 MA**
7. Taxe d'examen préliminaire: (Règle 58)	3 000 MA**

*Les frais seront réduits par 220 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

**Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en mark allemands.

Les références au Règles sont à celles du règlement d'exécution du PCT.

Notices

16. Lay-Open Applications

The Patent Office Record of April 20, 1999 contains laid-open applications from March 7 to March 13, 1999.

17. Miscellaneous Notice

The following applications were laid-open for public inspection at the Canadian Patent Office on their respective lay-open dates but are currently unavailable for publishing in the Canadian Patent Office Record. Please note that these applications will be published in a future chapter of the Canadian Patent Office Record when they become available.

2,213,677	1999-03-12
2,214,153	1999-03-09
2,214,468	1999-03-12
2,215,849	1999-03-11
2,242,211	1999-03-09
2,246,871	1999-03-09
2,263,781	1999-03-12

16. Demandes Canadiennes mises à la disposition du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 7 mars au 13 mars 1999.

17. Avis Divers

Les demandes qui suivent étaient disponibles au public pour consultation à leur date respective de mise en disponibilité mais ne sont pas présentement disponible pour publication dans la Gazette du Bureau des brevets. Veuillez noter que ces demandes seront publiées dans une édition à venir de la Gazette du Bureau des brevets lorsqu'elles seront disponibles.

2,213,677	1999-03-12
2,214,153	1999-03-09
2,214,468	1999-03-12
2,215,849	1999-03-11
2,242,211	1999-03-09
2,246,871	1999-03-09
2,263,781	1999-03-12

Avis

Canadian Patents Issued

April 20, 1999

Brevets canadiens délivrés

20 avril, 1999

[11] **1,340,503**
[13] A
[52] 167-326 25-99
[51] **Int.Cl. 6A61K6/02 6A61L27/00 6A61F2/28**
[25] EN
[54] **Bone Prosthetic Material and Process for Producing Same**
[54] **Matière pour prothèse osseuse et procédé d'obtention**
[72] Ogiso, Makoto, JP
[72] Ogawa, Tetsuro, JP
[72] Ichitsuka, Takeshi, JP
[72] Inoue, Masahide, JP
[73] ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, JP
[21] **537,654**
[22] 1987-05-21
[30] JP (123132/86) 1986-05-28

[11] **1,340,504**
[13] A
[52] 195-33.1 195-123
[51] **Int.Cl. 6C12N9/10**
[25] EN
[54] **-Glutamyltranspeptidase, its preparation and its use**
[54] **-Glutamyltranspeptidase:préparation et utilisation**
[72] Aretz, Werner, DE
[72] Sauber, Klaus, DE
[73] HOECHST AKTIENGESELLSCHAFT, DE
[21] **556,683**
[22] 1988-01-15
[30] DE (P 37 01 221.5) 1987-01-17

[11] **1,340,505**
[13] A
[52] 195-1.235 195-1.32 195-1.35 530-13
[51] **Int.Cl. 6C12N15/16 6C7K14/575 6A61K38/22**
[25] EN
[54] **Bovine Placental Lactogen**
[54] **Lactogène placentaire bovin**
[72] Byatt, John Christopher, US
[72] Hauser, Scott David, US
[72] Krivi, Gwen Grabowski, US
[72] Siegel, Ned Roger, US
[72] Smith, Christine Elizabeth, US
[72] Stafford, Jeannine Marie, US
[73] MONSANTO COMPANY, US
[21] **576,262**
[22] 1988-09-01
[30] US (92,116) 1987-09-02
[30] US (221,124) 1988-07-21

[11] **1,340,506**
[13] A
[52] 195-1.12 167-136 195-1.31 195-1.38 530-13
[51] **Int.Cl. 6C12N15/31 6C7K14/22 6C7H21/04 6A61K39/095 6C12Q1/68 6C12N1/20**
[25] EN
[54] **Production of Gonorrheal PI Proteins and Vaccines**
[54] **Production de protéines I de N. gonorrhoeae, et de vaccins**
[72] Carbonetti, Nicholas H., US
[72] Sparling, P. Frederick, US
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (THE), US
[21] **583,787**
[22] 1988-11-22
[30] US (124,727) 1987-11-24
[30] US (242,758) 1988-09-09

[11] **1,340,507**
[13] A
[52] 260-313 167-9 260-315.25 260-371 260-477 260-579.8 260-653.2
[51] **Int.Cl. 6C7D233/60 6C7D249/08 6A1N43/653**
[25] EN
[54] **Azole-Substituted Cycloalkanol Derivatives, a Process for Producing the Same and a Use of the Derivatives as an Agricultural and Horticultural Fungicide**
[54] **Dérivés de substitution azoliques de cycloalcanol;méthode pour les préparer et leur emploi comme fongicides en agriculture et en horticulture**
[72] Ito, Atsushi, JP
[72] Kumazawa, Satoru, JP
[72] Sato, Nobuo, JP
[72] Saishoji, Toshihide, JP
[73] Kureha Kagaku Kogyo Kabushiki Kaisha, JP
[21] **588,248**
[22] 1989-01-13
[30] JP (6054/88) 1988-01-14

[11] **1,340,508**
[13] A
[52] 22-157 22-190
[51] **Int.Cl. 6B22C1/22 6B22C9/02 6C8K9/06**
[25] EN
[54] **Process to Enhance the Tensile Strength of Reclaimed Sand Bonded with Ester Cured Alkaline Phenolic Resin**
[54] **Méthode pour améliorer la résistance à la rupture de sable régénéré lié par une résine phénolique alcaline réticulée à l'aide d'un ester**
[72] Iyer, S. Raja, US
[73] BORDEN CHEMICAL, INC., US
[21] **591,023**
[22] 1989-02-14
[30] US (179,392) 1988-04-08

**Canadian Patents Issued
April 20, 1999**

[11] **1,340,509**
[13] A

[52] 167-37
[51] **Int.Cl. 6G1N33/543**
[25] EN
[54] **Device and Method for Immunoassay Determinations**
[54] **Dispositif et méthode pour dosages immunologiques**
[72] Habertzettl, Cecelia, US
[72] Geltosky, Jack, US
[72] Perst, Renee, US
[73] Meridian Diagnostics, Inc., US
[21] **601,127**
[22] 1989-05-30
[30] US (201,515) 1988-06-01

[11] **1,340,510**
[13] A

[52] 99-156
[51] **Int.Cl. 6A23D7/02**
[25] EN
[54] **Cream, Churned Margarine-Like Product Made Therefrom and Method of Manufacturing Them**
[54] **Crème; produit de type margarine, obtenu par barattage de cette crème, et procédé de fabrication**
[72] van Heteren, Jan, GB
[72] Martine, Jean Claude, FR
[72] Vermaat, Karel Theodorus, NL
[73] Unilever Plc, GB
[21] **603,055**
[22] 1989-06-16
[30] GB (8814479.5) 1988-06-17

[11] **2,000,524**
[13] C

[51] **Int.Cl. 6H4N3/23**
[25] EN
[54] **POWER SUPPLY PROTECTION CIRCUIT**
[54] **CIRCUIT DE PROTECTION POUR BLOC D'ALIMENTATION ENER- GIE ELECTRIQUE**
[72] Wilber, James Albert, US
[72] Stephens, Joseph Curtis, US
[73] THOMSON CONSUMER ELEC- TRONICS, INC., US
[22] 1989-10-12
[30] US (273,529) 1988-11-21

[11] **2,001,286**
[13] C

[51] **Int.Cl. 6A61B17/14**
[25] EN
[54] **FEMORAL CUTTING GUIDE**
[54] **GUIDE DE SECTION FEMORALE**
[72] Zarnowski, Alfred J., US
[72] Sidebotham, Christopher G., US
[73] OSTEONICS CORP., US
[22] 1989-10-24
[30] US (263,687) 1988-10-28

[11] **2,002,334**
[13] C

[51] **Int.Cl. 6B21D5/06**
[25] FR
[54] **ROULEUSE A ROULEAUX CRENE- LES AUTOMATISABLE**
[54] **AUTOMATABLE CASTELLATED ROLLER BENDING MACHINE**
[72] Gravier, Michel, FR
[73] Jammes Industrie S.A., FR
[22] 1989-11-06

[11] **2,002,971**
[13] C

[51] **Int.Cl. 6G7F9/00 6G7F5/00**
[25] EN
[54] **COIN ACCEPTING MECHANISM**
[54] **MECANISME D'ENCAISSEMENT ACTIONNE PAR DES PIECES DE MON- NAIE**
[72] Andrew, Rodger John, GB
[73] LANDIS & GYR COMMUNICA- TIONS (U.K.) LTD., GB
[22] 1989-11-14
[30] GB (8826585.5) 1988-11-14

[11] **2,003,107**
[13] C

[51] **Int.Cl. 6C7C275/40**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF N,N'-BIS-(3-AMINOPHENYL)-URE- AS**
[54] **PREPARATION DE N,N'-BIS(3- AMINOPHENYL)UREES**
[72] Ruckes, Andreas, DE
[72] Grogler, Gerhard, DE
[72] Kopp, Richard, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1989-11-16
[30] DE (P 38 43 410.5) 1988-12-23

[11] **2,003,642**
[13] C

[51] **Int.Cl. 6B60K17/36 6F16H48/00 6B60K17/00**
[25] EN
[54] **TANDEM DRIVE AXLE SYSTEM**
[54] **ESSIEU TANDEM**
[72] Hicks, Bradford Wallace, US
[73] Dana Corporation, US
[22] 1989-11-22
[30] US (292,677) 1989-01-03

[11] **2,003,701**
[13] C

[51] **Int.Cl. 6H2K24/00 6H2P9/02**
[25] EN
[54] **MULTIPLE CHANNEL SERVO CONFIGURATION**
[54] **CONFIGURATION DE COM- MANDE A CANAUX MULTIPLES**
[72] DiGiulio, Peter C., US
[72] Bergman, Norman J., US
[72] Salazar, Edilberto I., US
[73] Pitney Bowes Inc., US
[22] 1989-11-23
[30] US (291,474) 1988-12-28

[11] **2,005,610**
[13] C

[51] **Int.Cl. 6H4N3/16**
[25] EN
[54] **DUAL POWER SOURCE OUTPUT AMPLIFIER**
[54] **AMPLIFICATEUR DE SORTIE A DEUX SOURCES D'ALIMENTATION**
[72] Rodriguez-Cavazos, Enrique, US
[73] THOMSON CONSUMER ELEC- TRONICS, INC., US
[22] 1989-12-14
[30] US (291,831) 1988-12-29

**Brevets canadiens délivrés
20 avril, 1999**

[11] 2,006,237
[13] C

[51] Int.Cl. 6E2D5/74 6E4B1/41
[25] FR
[54] DISPOSITIF POUR LA MISE EN PLACE ET LA FIXATION, SUR LE PLANCHER D'UN FILTRE, D'ORGANES ASSURANT LE TRANSIT DE FLUIDES A TRAVERS LE PLANCHER
[54] DEVICE FOR SETTING AND SECURING COMPONENTS FOR FLUID FLOUR THROUGH THE FLOOR OF A FILTER ASSEMBLY
[72] Gaudin, Marie-Pierre, FR
[72] Gilet, Marc, FR
[72] Motte, Alain, FR
[73] Degremont, FR
[22] 1989-12-20
[30] FR (89 00 157) 1989-01-09

[11] 2,006,797
[13] C

[51] Int.Cl. 6C8G18/79 6C9D175/12 6C7D251/34
[25] EN
[54] A PROCESS FOR THE PREPARATION OF POLYSOCYANATES CONTAINING URETDIONE AND ISOCYANURATE GROUPS, THE POLYISOCYANATES OBTAINED BY THIS PROCESS AND THEIR USE IN TWO COMPONENT POLYURETHANE COATINGS
[54] METHODE DE PREPARATION DE POLYISOCYANATES RENFERMANT DES GROUPES URETDIONE ET ISOCYANURATE; POLYISOCYANATES AINSI OBTENUS ET LEUR UTILISATION DANS DES REVETEMENTS DE POLYURETHANE A DEUX CONSTITUANTS
[72] Liebsch, Dietrich, DE
[72] Dell, Winfried, DE
[72] Kubitza, Werner, DE
[73] BAYER AKTIENGESellschaft, DE
[22] 1989-12-28
[30] DE (P 39 00 053.2) 1989-01-03

[11] 2,007,132
[13] C

[51] Int.Cl. 6B5C1/04 6B5C11/04 6B5D1/28
[25] EN
[54] INVERTED BLADE METERING UNIT AND METHOD FOR BLADE-COATING A MATERIAL WEB
[54] DOSEUR A LAME RENVERSEE ET METHODE DE COUCHAGE A LA LAME
[72] Koivukunnas, Pekka, FI
[72] Mannio, Aaron, FI
[72] Heikkinen, Jukka, FI
[72] Eskelinen, Juhani, FI
[73] VALMET CORPORATION, FI
[22] 1990-01-04
[30] FI (89 0249) 1989-01-17

[11] 2,007,483
[13] C

[51] Int.Cl. 6B32B31/12 6B29C65/54 6B29D9/00
[25] EN
[54] METHOD FOR THE MANUFACTURE OF LAMINATED PACKING MATERIAL WITH GAS AND AROMA BARRIER PROPERTIES
[54] METHODE DE FABRICATION DE PRODUITS D'EMBALLAGE LAMINES AVEC PROPRIETES BARRIERES CONTRE LES GAZ ET LES AROMES
[72] Lofgren, Lars, SE
[72] Frisk, Peter, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[22] 1990-01-10
[30] SE (8900082-2) 1989-01-11

[11] 2,007,825
[13] C

[51] Int.Cl. 6B7B13/00
[25] EN
[54] MATERIAL SEPARATING APPARATUS
[54] CRIBLE
[72] Sherman, Raymond W., US
[73] General Kinematics Corporation, US
[22] 1990-01-16
[30] US (317,462) 1989-03-01

[11] 2,012,249
[13] C

[51] Int.Cl. 6G6F3/02
[25] EN
[54] METHOD FOR CONFIGURING AN INPUT/OUTPUT MODULE COUPLED TO A PROGRAMMABLE LOGIC CONTROLLER
[54] METHODE POUR CONFIGURER UN MODULE D'ENTREE-SORTIE COUPLE A UN CONTROLLEUR LOGIQUE PROGRAMMABLE
[72] Sexton, Daniel White, US
[73] GE Fanuc Automation North America, Inc., US
[22] 1990-03-15
[30] US (453,655) 1989-12-20

[11] 2,017,736
[13] C

[51] Int.Cl. 6C25D13/00 6C25D13/22
[25] EN
[54] ELECTRODEPOSITION COATING SYSTEM
[54] SYSTEME DE REVETEMENT PAR ELECTRODEPOSITION
[72] Inoue, Akito, JP
[73] POLY TECHS INC., JP
[22] 1990-05-29
[30] JP (1-93592) 1989-08-09

[11] 2,017,969
[13] C

[51] Int.Cl. 6G6F11/30
[25] EN
[54] DYNAMIC GRAPHICS ARRANGEMENT FOR DISPLAYING SPATIAL-TIME-SERIES DATA
[54] DISPOSITIF GRAPHIQUE DYNAMIQUE POUR AFFICHER DES DONNEES SERIE SPATIALES ET TEMPORELLES
[72] Becker, Richard Alan, US
[72] Miller, Eileen O., US
[72] Eick, Stephen G., US
[72] Wilks, Allan R., US
[73] American Telephone and Telegraph Company, US
[22] 1990-05-31
[30] US (390,549) 1989-08-07

**Canadian Patents Issued
April 20, 1999**

[11] **2,029,120**
[13] C

[51] **Int.Cl. 6HIR31/02**
[25] EN
[54] **MODULAR POWER CORD SYSTEM**
[54] **CORDON D'ALIMENTATION MODULAIRE**
[72] Thimmesch, Jan Peter, US
[73] PHILLIPS & TEMRO INDUSTRIES INC., US
[22] 1990-11-01
[30] US (07/431,293) 1989-11-03

[11] **2,031,196**
[13] C

[51] **Int.Cl. 6A47G27/02 6A1N57/10 6D6M13/292**
[25] EN
[54] **ANTIMICROBIAL CARPET AND CARPET TILE**
[54] **TAPIS ET DALLES DE TAPIS ANTI-MICROBIENS**
[72] Blakely, Lawrence W., US
[72] Howe, Michael A., US
[72] Pinholster, Daniel F., Jr., US
[72] Terry, Claude Edward, US
[72] McIntosh, Robert H., Sr., US
[73] Interface, Inc., US
[85] 1990-12-13
[86] 1990-05-10 (PCT/US90/02640)
[87] (WO90/14107)
[30] US (07/352,060) 1989-05-15

[11] **2,034,378**
[13] C

[51] **Int.Cl. 6B60Q1/30**
[25] EN
[54] **UNIFORM ILLUMINATION OF LARGE, THIN SURFACES PARTICULARLY SUITED FOR AUTOMOTIVE APPLICATIONS**
[54] **DISPOSITIF D'ECLAIRAGE UNIFORME DE SURFACES LARGES ET MINCES, PLUS PARTICULIEREMENT ADAPTE AU DOMAINE AUTOMOBILE**
[72] Davenport, John M., US
[72] Hansler, Richard L., US
[72] Henkes, John L., US
[73] General Electric Company, US
[22] 1991-01-17
[30] US (496,485) 1990-03-20

[11] **2,036,340**
[13] C

[51] **Int.Cl. 6F16H1/28 6F16H1/34**
[25] EN
[54] **INTERNAL MESHING TYPE PLANETARY GEAR SPEED CHANGING DEVICE**
[54] **SELECTEUR DE VITESSE D'ENGRENAGE PLANETAIRE A ENGRENEMENT INTERIEUR**
[72] Fukaya, Sueo, JP
[73] Sumitomo Heavy Industries, Ltd., JP
[22] 1991-02-14
[30] JP (02-038360) 1990-02-21

[11] **2,038,211**
[13] C

[51] **Int.Cl. 6H1J29/10**
[25] EN
[54] **CATHODE-RAY TUBE HAVING IMPROVED 16 X 9 ASPECT RATIO FACEPLATE**
[54] **TUBE A RAYONS CATHODIQUES A PLATINE DE DIMENSIONS 16 X 9 AMELIOREES**
[72] Canevazzi, Giuliano, IT
[73] VIDEOCOLOR, S.p.A., IT
[22] 1991-03-14
[30] IT (19877 A/90) 1990-03-30

[11] **2,038,719**
[13] C

[51] **Int.Cl. 6C9K17/00 6C9K17/40 6A1G1/00**
[25] EN
[54] **CULTURE SOIL FOR RAISING PLANTS**
[54] **SUBSTRAT SERVANT A LA CULTURE DE VEGETAUX**
[72] Aoki, Susumu, JP
[72] Fukuda, Michio, JP
[72] Nakamura, Chiharu, JP
[72] Asai, Noriaki, JP
[73] NICHIA CERATECH CORPORATION, JP
[22] 1991-03-20
[30] JP (2-74553) 1990-03-23

[11] **2,040,348**
[13] C

[51] **Int.Cl. 6B1D53/04**
[25] EN
[54] **PRE-PURIFICATION OF AIR FOR SEPARATION**
[54] **PRE-PURIFICATEUR D'AIR**
[72] Jain, Ravi, US
[73] BOC Group Inc. (The), US
[22] 1991-04-12
[30] US (07/513,340) 1990-04-20

[11] **2,041,116**
[13] C

[51] **Int.Cl. 6B41F31/04 6B41F31/20**
[25] EN
[54] **DOCTOR BLADE SYSTEM**
[54] **SYSTEME DE RACLE**
[72] Kraus, Josef, DE
[72] Wech, Erich, DE
[73] MAN Roland Druckmaschinen AG, DE
[22] 1991-04-24
[30] DE (G 90 04 747.8) 1990-04-26

[11] **2,041,910**
[13] C

[51] **Int.Cl. 6G3G9/097 6G3G9/113 6G3G9/09**
[25] EN
[54] **TONER AND DEVELOPER COMPOSITIONS WITH CHARGE ENHANCING ADDITIVES**
[54] **TONER ET REVELATEUR A ADDITIF D'ENRICHISSEMENT DE CHARGE**
[72] Weber, Joseph R., US
[72] Gutman, Edward J., US
[72] Laing, John R., US
[72] Haack, John L., US
[73] XEROX CORPORATION, US
[22] 1991-05-07
[30] US (531,739) 1990-06-01

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,043,349**
[13] C

[51] Int.Cl. 6G1N21/78 6C25C7/06
6GSD11/13 6C25C1/16 6G1N33/20
[25] EN
[54] A METHOD FOR MEASURING IMPURITY CONCENTRATION AND REMOVING IMPURITIES FROM ELECTROLYTIC SOLUTION FOR ELECTROWINNING OF SIZE.
[54] METHODE DE MESURAGE DE LA CONCENTRATION ET D'EXTRACTION DES IMPURETES D'UNE SOLUTION ELECTROLYTIQUE POUR L'EXTRACTION ELECTROLYTIQUE DU ZINC

[72] Hayashibe, Yutaka, JP
[72] Takeya, Minoru, JP
[72] Yamashita, Kazunori, JP
[72] Minami, Mamoru, JP
[73] Mitsubishi Materials Corporation, JP
[22] 1991-05-28
[30] JP (2-140316) 1990-05-30

[11] **2,044,267**
[13] C

[51] Int.Cl. 6H1J17/49 6H1J9/02 6H1J17/16
[25] EN
[54] PLASMA DISPLAY PANEL AND METHOD OF PRODUCING THE SAME
[54] ECRAN DE VISUALISATION A PLASMA; PROCEDE DE FABRICATION

[72] Iijima, Motoki, JP
[72] Kani, Akira, JP
[72] Sagou, Sumihito, JP
[72] Yokoi, Tatsumasa, JP
[72] Kamiya, Magonori, JP
[72] Kikuchi, Naoya, JP
[72] Asai, Hideyuki, JP
[72] Senda, Shinji, JP
[73] Noritake Co., Limited, JP
[85] 1990-10-17
[86] 1990-10-17 (PCT/JP90/01338)
[87] (WO91/06115)
[30] JP (1-269153) 1989-10-18
[30] JP (1-290027) 1989-11-09
[30] JP (2-25981) 1990-02-07
[30] JP (2-27193) 1990-02-08
[30] JP (2-120048) 1990-05-11
[30] JP (2-247433) 1990-09-19
[30] JP (2-270610) 1990-10-11

[11] **2,045,570**
[13] C

[51] Int.Cl. 6B25B23/16 6B25B13/08
[25] FR
[54] CLE DE SERRAGE PERFECTIONNEE COMPOSITE
[54] IMPROVED COMPOSITE WRENCH
[72] Monnet, Pierre, FR
[72] Demurger, Jean-Pierre, FR
[73] Demurger et Cie, FR
[85] 1991-07-16
[86] 1990-12-21 (PCT/FR90/00936)
[87] (WO91/09708)
[30] FR (89 17396) 1989-12-22

[11] *** 2,049,579**
[13] C

[51] Int.Cl. 6F16M13/02 6B62B9/00
[25] EN
[54] PORTABLE AND ATTACHABLE ENTERTAINMENT UNITS
[54] SUPPORT UNIVERSEL AMOVIBLE POUR APPAREILS ET GADGETS DE DIVERTISSEMENT
[72] Struzer, Cheryl R., CA
[73] Struzer, Cheryl R., CA
[22] 1991-08-21

[11] **2,051,204**
[13] C

[51] Int.Cl. 6G6F3/033
[25] EN
[54] POSITION AND FUNCTION INPUT SYSTEM FOR A LARGE AREA DISPLAY
[54] SYSTEME DE SAISIE DE DONNEES DE POSITION ET DE FONCTION POUR AFFICHEUR A GRANDE SURFACE
[72] Elrod, Scott A., US
[72] Tang, John C., US
[72] Minneman, Scott L., US
[72] Jackson, Warren B., US
[73] XEROX CORPORATION, US
[22] 1991-09-12
[30] US (608439) 1990-11-02

[11] **2,051,380**
[13] C

[51] Int.Cl. 6A1M23/30 6A1M23/38
[25] EN
[54] RATTRAP
[54] PIEGE A RATS
[72] Knudsen, Henrik M., DK
[73] Knudsen, Henrik M., DK
[85] 1991-10-07
[86] 1990-04-06 (PCT/DK90/00088)
[87] (WO90/11685)
[30] DK (1653/89) 1989-04-06
[30] DK (6036/89) 1989-11-30

[11] **2,052,288**
[13] C

[51] Int.Cl. 6G3B33/12 6A63F9/22
6G3B15/10 6H4N5/272
[25] EN
[54] IMAGE SYNTHESIZING SYSTEM AND SHOOTING GAME MACHINE USING THE SAME
[54] SYSTEME DE SYNTHESE D'IMAGES ET JEU DE TIR UTILISANT CE SYSTEME
[72] Watanabe, Naoki, JP
[72] Shinbo, Toshiaki, JP
[72] Ogata, Mitsuru, JP
[73] Namco Ltd., JP
[22] 1991-09-26
[30] JP (2-257970) 1990-09-27

[11] **2,052,849**
[13] C

[51] Int.Cl. 6C23F1/40 6C22B7/00
[25] EN
[54] ALKALINE LEACHING OF GALVANIZED STEEL SCRAP
[54] LIXIVIATION ALCALINE DE REBLONS D'ACIER GALVANISE
[72] Leeker, Jerald W., US
[72] Niedringhaus, Joyce C., US
[72] Rodabaugh, Ronald D., US
[73] Armco Steel Company, L.P., US
[22] 1991-10-04
[30] US (07/593,435) 1990-10-05

**Canadian Patents Issued
April 20, 1999**

[11] 2,053,167
[13] C

[51] **Int.Cl. 6E5B15/00**
[25] EN
[54] **CYLINDRICAL LOCK ASSEMBLY**
[54] **ASSEMBLAGE DE SERRURE CYLINDRIQUE**
[72] Robida, James E., US
[72] Strickland, Kenneth W., US
[73] Corbin Russwin, Inc., US
[22] 1991-10-10
[30] US (596,451) 1990-10-12

[11] 2,053,202
[13] C

[51] **Int.Cl. 6E5B27/00**
[25] EN
[54] **CYLINDRICAL LOCK ASSEMBLY**
[54] **ASSEMBLAGE DE SERRURE A BARILLET**
[72] Robida, James E., US
[72] Strickland, Kenneth W., US
[73] Corbin Russwin, Inc., US
[22] 1991-10-10
[30] US (07/596,890) 1990-10-12

[11] 2,053,205
[13] C

[51] **Int.Cl. 6E5B27/00**
[25] EN
[54] **CYLINDRICAL LOCK ASSEMBLY**
[54] **ASSEMBLAGE DE SERRURE CYLINDRIQUE**
[72] Hag, Mohammed A., US
[72] Leitkowski, Edward T., Jr. US
[73] Corbin Russwin, Inc., US
[22] 1991-10-10
[30] US (596,882) 1990-10-12

[11] 2,054,817
[13] C

[51] **Int.Cl. 6A61J1/05**
[25] EN
[54] **BOTTOM BLOOD BAG SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION DU SANG DANS LA POCHE DE RECUEIL**
[72] Dupin, William W., US
[72] Nelson, Edward J., US
[72] Sajan, Eva, US
[72] Denton, Donald R., US
[72] Bauman, Ronald H., US
[73] PALL CORPORATION, US
[22] 1991-11-01
[30] US (609,498) 1990-11-06

[11] 2,055,526
[13] C

[51] **Int.Cl. 6A61B17/36**
[25] EN
[54] **MEDICAL AND DENTAL TREATMENTS USING LASER RADIATION**
[54] **TRAITEMENTS MEDICAUX ET DENTAIRES A L'AIDE D'UN RAYON LASER**
[72] Levy, Guy C., US
[73] ENDO TECHNIC CORPORATION, US
[22] 1991-11-14
[30] US (07/615,789) 1990-11-20

[11] 2,057,845
[13] C

[51] **Int.Cl. 6A61L11/00**
[25] EN
[54] **MEDICAL WASTE HANDLING SYSTEM**
[54] **SYSTEME DE MANUTENTION DE DECHETS MEDICAUX**
[72] Terry, William M., US
[73] Medical & Environmental Designs, Inc., US
[22] 1991-12-17
[30] US (07/630,516) 1990-12-20

[11] 2,058,113
[13] C

[51] **Int.Cl. 6H4N7/167**
[25] EN
[54] **SYSTEM FOR DISTRIBUTING VIDEO PROGRAMMING**
[54] **SYSTEME DE DISTRIBUTION DE PROGRAMME VIDEO**
[72] Walker, Stephen S., US
[72] Ullrich, Kathryn E., US
[73] GTE LABORATORIES INCORPORATED, US
[22] 1991-12-19
[30] US (07/633,593) 1990-12-21

[11] 2,060,665
[13] C

[51] **Int.Cl. 6B8B9/32**
[25] EN
[54] **DEVICES AND MACHINE FOR TREATING BOTTLES**
[54] **DISPOSITIFS ET MACHINE DE TRAITEMENT DE BOUTEILLES**
[72] Perrier, René, FR
[73] Perrier, René, FR
[85] 1991-12-10
[86] 1991-04-10 (PCT/FR91/00293)
[87] (WO91/15310)
[30] FR (90 04651) 1990-04-11

[11] 2,061,463
[13] C

[51] **Int.Cl. 6B1D53/04**
[25] EN
[54] **SEPARATION OF MULTICOMPONENT GAS MIXTURES BY SELECTIVE ADSORPTION**
[54] **SEPARATION DE MELANGES GAZEUX A PLUSIEURS ELEMENTS PAR ADSORPTION SELECTIVE**
[72] Kumar, Ravi, US
[72] Kratz, Wilbur Clymer, US
[73] Air Products and Chemicals, Inc., US
[22] 1992-02-19
[30] US (07/661045) 1991-02-26

[11] 2,062,488
[13] C

[51] **Int.Cl. 6B1D53/04 6B1J20/22 6C1B13/02**
[25] EN
[54] **PROCESS USING CYANOCOBALTATE COMPLEXES FOR REMOVING OXYGEN FROM A FLUID STREAM**
[54] **PROCEDE FONDE SUR DES COMPLEXES DE CYANOCOBALTATE POUR RETIRER L'OXYGENE D'UN COURANT DE FLUIDE**
[72] Ramprasad, Dorai, US
[72] Pearlstein, Ronald Martin, US
[72] Pez, Guido Peter, US
[72] Meier, Ingrid Kristine, US
[73] Air Products and Chemicals, Inc., US
[22] 1992-03-09
[30] US (07/669811) 1991-03-15

[11] 2,063,973
[13] C

[51] **Int.Cl. 6G2F1/23**
[25] EN
[54] **COLOR VARIATION INDUCING DEVICE**
[54] **DISPOSITIF INDUISANT DES VARIATIONS DE COULEURS**
[72] Nakagawa, Tanehiro, JP
[72] Tomatsu, Tsutomu, JP
[72] Ono, Yoshiaki, JP
[73] THE PILOT INK CO., LTD., JP
[22] 1992-03-25
[30] JP (3-91133) 1991-03-28
[30] JP (3-92933) 1991-03-29
[30] JP (3-92934) 1991-03-29
[30] JP (3-128439) 1991-04-30
[30] JP (3-233917) 1991-08-21
[30] JP (3-270370) 1991-09-20
[30] JP (3-305410) 1991-10-23

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,064,661**
[13] C
[51] **Int.Cl. 6D3D1/00 6D3D15/00**
[25] EN
[54] **SYNTHETIC FABRICS AND SURGICAL/MEDICAL PRODUCTS MADE THEREFROM**
[54] **TISSUS SYNTHETIQUES ET PRODUITS CHIRURGICAUX/MEDICAUX FABRIQUES A PARTIR DE CE TISSU**
[72] Taylor, Jeffrey L., US
[72] Smith, John M., US
[72] Goad, C. Dean, US
[73] Taylor, Jeffrey L., US
[73] Smith, John M., US
[73] Goad, C. Dean, US
[22] 1992-04-01
[30] US (679,775) 1991-04-03
[30] US (860,315) 1991-04-03

[11] **2,065,546**
[13] C
[51] **Int.Cl. 6B1D53/14 6B1D53/18 6B1J10/00 6C1B17/05**
[25] EN
[54] **PROCESS AND APPARATUS FOR REMOVAL OF H2S WITH SEPARATE ABSORBER AND OXIDIZER AND A REACTION CHAMBER THEREBETWEEN**
[54] **PROCEDE D'EXTRACTION DE H2S FAISANT APPEL A UNE CHAMBRE D'ABSORPTION ET A UNE CHAMBRE D'OXYGENATION SEPARÉES PAR UNE CHAMBRE DE REACTION**
[72] Hardison, Leslie C., US
[73] WHEELABRATOR CLEAN AIR SYSTEMS INC., US
[22] 1992-04-07
[30] US (682,592) 1991-04-08

[11] **2,069,242**
[13] C
[51] **Int.Cl. 6G2F3/02**
[25] EN
[54] **OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE**
[72] Dorn, Reimund, DE
[72] Kersten, Peter, DE
[72] Rehm, Werner, DE
[72] Wischmann, Wiltraud, DE
[73] Alcatel N.V., NL
[22] 1992-05-22
[30] DE (P 41 16 789.9) 1991-05-23

[11] **2,069,366**
[13] C
[51] **Int.Cl. 6H4N5/21**
[25] EN
[54] **GRADATION CORRECTOR**
[54] **CORRECTEUR DE GRADATION**
[72] Tsuji, Toshiaki, JP
[72] Kageyama, Atsuhisa, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1992-05-25
[30] JP (03-123646) 1991-05-28

[11] **2,070,712**
[13] C
[51] **Int.Cl. 6H4L7/00**
[25] EN
[54] **SELF CALIBRATING PULSE WIDTH MODULATOR**
[54] **MODULATEUR D'IMPULSIONS EN DUREE A AUTOETALONNAGE**
[72] Girmay, Girmay, K., US
[73] XEROX CORPORATION, US
[22] 1992-06-08
[30] US (756,241) 1991-09-06

[11] **2,071,432**
[13] C
[51] **Int.Cl. 6F16F1/18**
[25] EN
[54] **VEHICLE SUSPENSION MEMBER AND METHOD FOR MAKING**
[54] **ELEMENT DE SUSPENSION DE VEHICULE ET PROCEDE DE FABRICATION**
[72] Pierman, Richard F., US
[73] OXFORD SUSPENSION, INC., US
[22] 1992-06-17

[11] **2,072,605**
[13] C
[51] **Int.Cl. 6A61M5/32**
[25] EN
[54] **NEEDLE PROTECTING ASSEMBLY**
[54] **DISPOSITIF DE PROTECTION POUR AIGUILLE**
[72] Gianakos, Arthur, US
[73] Gianakos, Arthur, US
[85] 1992-04-30
[86] 1991-08-30 (PCT/US91/06275)
[87] (WO92/04063)
[30] US (575,226) 1990-08-30

[11] **2,072,979**
[13] C
[51] **Int.Cl. 6C6D3/00 6F41H9/06**
[25] FR
[54] **UTILISATION D'UN MATERIAU PULVERULENT POUR CAMOUFLAGE DANS LE DOMAINE INFRAROUGE**
[54] **EFFICIENT MASKING MATERIAL FOR APPLICATIONS USING INFRARED TECHNIQUES**
[72] Larmignat, Daniel, FR
[72] Lacreuse, Gilles, FR
[72] Morand, Philippe, FR
[72] Prieur, Christian, FR
[73] Giat Industries, FR
[85] 1992-07-02
[86] 1991-11-21 (PCT/FR91/00920)
[87] (WO92/09544)
[30] FR (90/14561) 1990-11-22

[11] **2,073,120**
[13] C
[51] **Int.Cl. 6H4N7/50 6H4L12/56 6H4N11/14**
[25] EN
[54] **AN IMAGE ENCODING AND TRANSMITTING SYSTEM**
[54] **SYSTEME DE CODAGE ET DE TRANSMISSION D'IMAGES**
[72] Hamano, Takashi, JP
[72] Sakai, Kiyoshi, JP
[72] Matsuda, Kiichi, JP
[73] FUJITSU LIMITED, JP
[22] 1992-07-03
[30] JP (03-164422) 1991-07-04

[11] **2,073,397**
[13] C
[51] **Int.Cl. 6H4M19/00 6H4B1/40 6H4M1/00**
[25] EN
[54] **POWER SUPPLY SWITCHING CIRCUIT FOR A COMPACT PORTABLE TELEPHONE SET**
[54] **CIRCUIT DE COMMUTATION DE L'ALIMENTATION POUR RADIO-TELEPHONE PORTATIF**
[72] Tsunehiro, Naoshi, JP
[72] Sekiguchi, Akihiko, JP
[72] Nakamura, Asako, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1992-07-08
[30] JP (03-178133) 1991-07-18

**Canadian Patents Issued
April 20, 1999**

[11] **2,075,435**
[13] C
[51] **Int.Cl. 6E5B1/00**
[25] EN
[54] **DOOR HARDWARE ASSEMBLY**
[54] **PIECE DE QUINCAILLERIE POUR PORTE**
[72] Clancy, Joseph S., US
[72] Clancy, John M., US
[73] Sash Controls, Inc., US
[22] 1992-08-06
[30] US (07/740,981) 1991-08-06

[11] **2,076,019**
[13] C
[51] **Int.Cl. 6E2F9/28**
[25] EN
[54] **EXCAVATOR WEAR EDGE**
[54] **LAME D'USURE POUR EXCAVATRICE**
[72] Jones, Darren F., US
[73] Esco Corporation, US
[85] 1992-08-12
[86] 1992-01-13 (PCT/US92/00197)
[87] (WO92/13145)
[30] US (642,390) 1991-01-17

[11] **2,076,205**
[13] C
[51] **Int.Cl. 6G1N27/90 6G21C17/017**
[25] EN
[54] **DIFFERENTIAL TRANSMIT-RECEIVE EDDY CURRENT PROBE INCORPORATING BRACELETS OF MULTI-COIL UNITS**
[54] **SONDE A COURANT DE FOUCAULT DIFFERENTIEL A BRACELETS A BOBINAGES MULTIPLES**
[72] Cecco, Valentino S., CA
[72] Sharp, F. Leonard, CA
[72] Obrutski de Marini, Laura, CA
[73] MAJESTY (HER) IN RIGHT OF CANADA AS REPRESENTED BY THE ATOMIC ENERGY OF, CA
[22] 1992-08-14

[11] **2,077,463**
[13] C
[51] **Int.Cl. 6B8B3/02**
[25] EN
[54] **SYSTEM AND METHOD FOR PRECISION CLEANING BY JET SPRAY**
[54] **SYSTEME ET METHODE DE NETTOYAGE DE PRECISION PAR JET DE LIQUIDE PULVERISE**
[72] Peterson, Ronald V., US
[72] Krone-Schmidt, Wilfred, US
[73] ECO-SNOW SYSTEMS INC., US
[22] 1992-09-03
[30] US (769,894) 1991-10-01

[11] **2,077,605**
[13] C
[51] **Int.Cl. 6C8G18/32 6C8J9/14**
[25] EN
[54] **STABILIZED 141B**
[54] **COMPOSITIONS DE 141B STABILISEES**
[72] Crooker, Richard M., US
[72] Elsheikh, Maher Y., US
[73] Elf Atochem North America, Inc., US
[22] 1992-09-04
[30] US (773,481) 1991-10-09

[11] **2,078,102**
[13] C
[51] **Int.Cl. 6B65C1/02 6B65C9/26**
[25] EN
[54] **METHOD AND ASSEMBLY FOR PLACING A LABEL ONTO THE HEAD OF A PAPER ROLL**
[54] **METHODE ET DISPOSITIF POUR PLACER UNE ETIQUETTE SUR L'EXTREMITE D'UN ROULEAU DE PAPIER**
[72] Mäkinen, Jukka, FI
[73] VALMET CORPORATION, FI
[22] 1992-09-11
[30] FI (914355) 1991-09-17

[11] **2,079,336**
[13] C
[51] **Int.Cl. 6C10M173/02 6C10M125/10**
[25] EN
[54] **AQUEOUS LUBRICANT FOR USE IN HOT ROLLING OF STAINLESS STEEL**
[54] **LUBRIFIANT AQUEUX UTILISE DANS LE LAMINAGE A CHAUD DE L'ACIER INOXYDABLE**
[72] Hachiya, Seio, JP
[72] Shinoda, Ken-ichi, JP
[72] Higo, Yuichi, JP
[73] Nisshin Steel Co., Ltd., JP
[85] 1992-09-28
[86] 1990-03-28 (PCT/JP90/00415)
[87] (WO91/14757)

[11] **2,079,761**
[13] C
[51] **Int.Cl. 6H3L7/16**
[25] FR
[54] **DISPOSITIF DE DETECTION D'ACCROCHAGE D'UNE BOUCLE A VERROUILLAGE DE PHASE NUMERIQUE**
[54] **DEVICE FOR DETECTING THE LOCKING OF A DIGITAL PHASE LOCK LOOP**
[72] Lafon, Jean-Luc, FR
[73] Alcatel Cit, FR
[22] 1992-10-02
[30] FR (91 12267) 1991-10-04

[11] **2,082,233**
[13] C
[51] **Int.Cl. 6H2G15/18 6H2G1/14**
[25] EN
[54] **ENCLOSURE ASSEMBLY FOR USE OVER ELONGATE CYLINDRICAL OBJECTS SUCH AS ELECTRIC CABLE SPLICES**
[54] **ENVELOPPE POUVANT ETRE UTILISEE SUR DES OBJETS CYLINDRIQUES TELLES DES EPISSURES DE CABLES**
[72] Portas, Francesco, IT
[72] Vallauri, Ubaldo, IT
[72] Parmigiani, Bruno, IT
[73] Pirelli Cavi S.p.A., IT
[22] 1992-11-05
[30] IT (MI91A 002982) 1991-11-08

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,083,129**
[13] C

[51] Int.Cl. 6C21C5/52 6C21C5/56 6F27B3/00 6C21B11/10 6F27D11/10
[25] EN
[54] **ELECTRIC ARC FURNACE ARRANGEMENT FOR PRODUCING STEEL**
[54] **FOUR A ARC ELECTRIQUE POUR LA PRODUCTION D'ACIER**
[72] Berger, Harald, AT
[72] Mittag, Peter, AT
[72] Steins, Johannes, AT
[72] Pfeiffer, Gert, AT
[73] Voest-Alpine Industrieanlagenbau GmbH, AT
[22] 1992-11-17
[30] AT (A 2282/91) 1991-11-18
[30] AT (A 2490/91) 1991-12-16

[11] **2,084,354**
[13] C

[51] Int.Cl. 6D1D4/02 6D1D4/08
[25] EN
[54] **APPARATUS FOR CHANGING BOTH NUMBER AND SIZE OF FILAMENTS**
[54] **APPAREIL POUR CHANGER LE NOMBRE ET LA GROSSEUR DES FILAMENTS**
[72] Hodan, John A., US
[72] Armstrong, Robert N., US
[72] Li, Wei, US
[73] Basf Corporation, US
[22] 1992-12-02
[30] US (07 892,076) 1992-06-02

[11] **2,084,829**
[13] C

[51] Int.Cl. 6A43B5/16
[25] EN
[54] **SKATE BOOT WITH MOULDED PLASTIC OVERLAY**
[54] **CHAUSSURE DE PATIN MUNIE D'UN RECOUVREMENT EN PLASTIQUE MOULE**
[72] Hoshizaki, T. Blaine, CA
[72] Acheson, Jeffrey J., CA
[72] Black, Gerald, CA
[73] BAUER INC., CA
[22] 1992-12-08

[11] **2,084,836**
[13] C

[51] Int.Cl. 6E21B49/04
[25] EN
[54] **SHOCK ISOLATION SUB FOR USE WITH DOWNHOLE EXPLOSIVE ACTUATED TOOLS**
[54] **REDUCTION DE BRUITS D'IMPACT DESTINEE A ETRE UTILISEE AVEC LES OUTILS DE FONDS DE PUITS ACTIONNES PAR UNE CHARGE EXPLOSIVE**
[72] Tomek, Martin L., US
[73] Halliburton Logging Services, Inc., US
[22] 1992-12-08
[30] US (803,881) 1991-12-09

[11] **2,087,001**
[13] C

[51] Int.Cl. 6H4B7/26 6H4Q7/36
[25] FR
[54] **PROCEDE D'ALLOCATION DE FREQUENCES PORTEUSES POUR TRANSMISSION A L'INTERIEUR D'UN RESEAU DE TRANSMISSION, NOTAMMENT TACTIQUE**
[54] **CARRIER FREQUENCY ALLOCATION PROCESS FOR TRANSMISSIONS WITHIN A NETWORK, PARTICULARLY TACTICAL TRANSMISSIONS**
[72] Montarges, Jean, FR
[72] Destouesse, Claude, FR
[72] Deygout, Jacques, FR
[73] ALCATEL TELSPACE, FR
[22] 1993-01-08
[30] FR (92 00 198) 1992-01-10

[11] **2,087,410**
[13] C

[51] Int.Cl. 6A23L1/39 6A23L1/01 6A23L1/22
[25] EN
[54] **METHOD OF PRODUCING FIRM SHELF STABLE FOOD PRODUCTS**
[54] **METHODE DE FABRICATION DE PRODUITS DE LONGUE CONSERVATION**
[72] Huang, Victor T., US
[72] Kersechner, Laurie E., US
[72] Cullen, Lorri D., US
[73] PILLSBURY COMPANY (THE), US
[22] 1993-01-15
[30] US (07 971,420) 1992-11-04
[30] US (07 943,274) 1992-09-10
[30] US (07 821,208) 1992-01-16

[11] **2,087,499**
[13] C

[51] Int.Cl. 6F16L59/05
[25] EN
[54] **THERMAL INSULATION BODY FOR HEAT INSULATION**
[54] **CORPS D'ISOLATION THERMIQUE**
[72] Nowara, Ekkehard, DE
[73] Thyssen Nordseewerke GmbH, DE
[22] 1993-01-18
[30] DE (P 42 01 250) 1992-01-18
[30] DE (P 42 14 002) 1992-04-29

[11] **2,091,383**
[13] C

[51] Int.Cl. 6B5D3/04 6B5B15/12
[25] EN
[54] **ENCLOSURE FOR PAINTING AND A METHOD OF ENFORCING EVAPORATION FROM A COATING ON A PANEL SURFACE**
[54] **CABINE DE PEINTURAGE ET METHODE POUR ACCELERER LE SECHAGE D'UNE COUCHE DE PEINTURE APPLIQUEE SUR UN PANNEAU**
[72] Jeffs, Christopher S., GB
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
[22] 1993-03-10
[30] GB (9209361) 1992-04-30
[30] GB (9222994.7) 1992-11-03

[11] **2,092,333**
[13] C

[51] Int.Cl. 6G1R31/3187 6G11C29/00
[25] EN
[54] **BUILT-IN SELF-TEST CONTROL NETWORK**
[54] **RESEAU DE CONTROLE INTEGRE A ESSAI AUTOMATIQUE**
[72] Yau, Chi Wang, US
[72] Zorian, Yervant, US
[73] American Telephone and Telegraph Company, US
[22] 1993-03-24
[30] US (876,169) 1992-04-30

**Canadian Patents Issued
April 20, 1999**

[11] **2,093,440**
[13] C

[51] **Int.Cl. 6G1R27/02**
[25] EN
[54] **CELL FOR MEASURING ELECTRICAL CONDUCTIVITY**
[54] **CELLULE DE MESURE DE CONDUCTIVITE ELECTRIQUE**
[72] Shiranita, Akira, JP
[72] Nakayama, Susumu, JP
[73] SHINAGAWA REFRACTORIES CO., LTD., JP
[85] 1993-04-05
[86] 1992-07-31 (PCT/JP92/00974)
[87] (WO93/03354)
[30] JP (196528/1991) 1991-08-06

[11] **2,095,018**
[13] C

[51] **Int.Cl. 6H4N1/387 6B41J2/47**
[25] EN
[54] **RESOLUTION TRANSFORMING RASTER-BASED IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE A TRAMES A DEFINITION VARIABLE**
[72] Frazier, Allen L., US
[72] Pierson, James S., US
[73] Hewlett-Packard Company, US
[85] 1993-04-27
[86] 1991-11-06 (PCT/US91/08327)
[87] (WO92/09045)
[30] US (610,087) 1990-11-07

[11] **2,095,019**
[13] C

[51] **Int.Cl. 6G2B5/28 6G2F1/35**
[25] EN
[54] **OPTICAL MIRROR AND OPTICAL DEVICE USING THE SAME**
[54] **MIROIR OPTIQUE ET DISPOSITIF MUNI DE CE MIROIR**
[72] Eda, Akira, JP
[73] MITSUI CHEMICALS, INC., JP
[85] 1993-04-27
[86] 1992-08-28 (PCT/JP92/01106)
[87] (WO93/05413)
[30] JP (3-220587) 1991-08-30

[11] **2,097,622**
[13] C

[51] **Int.Cl. 6B65D90/04**
[25] EN
[54] **CONTAINER APPARATUS WITH INBOARD RIGID TOP PORTION AND NO HORIZONTAL CONSTRAINT MEMBERS**
[54] **CONTENANT COMPRENANT UNE PORTION SUPERIEURE INTERNE RIGIDE, MAIS AUCUN ELEMENT HORIZONTAL DE CONTRAINTE**
[72] Farrell, Peter Jeffrey, GB
[73] Farrell, Peter Jeffrey, GB
[22] 1993-06-03
[30] GB (9212032.8) 1992-06-05

[11] **2,097,778**
[13] C

[51] **Int.Cl. 6B65D43/16**
[25] FR
[54] **BOITIER MUNI D'UN SYSTEME DE FERMETURE A TIROIR**
[54] **ENCLOSURE WITH T-SHAPED SLIDE VALVE**
[72] Balzeau, Pascal, FR
[73] L'Oréal, FR
[22] 1993-06-04
[30] FR (92 06857) 1992-06-05

[11] **2,101,015**
[13] C

[51] **Int.Cl. 6H4B10/02 6H4L1/00**
[25] FR
[54] **SYSTEME DE TRANSMISSION D'INFORMATIONS NUMERIQUES, NOTAMMENT SUR UNE LIAISON OPTIQUE**
[54] **SYSTEM FOR TRANSMITTING DIGITAL DATA, ESPECIALLY OVER AN OPTICAL LINK**
[72] Le Mouel, Bernard, FR
[72] Ollivier, François-Xavier, FR
[72] Pamart, Jean-Luc, FR
[73] Alcatel Cit, FR
[22] 1993-07-21
[30] FR (92 09 047) 1992-07-22

[11] **2,103,500**
[13] C

[51] **Int.Cl. 6E6B1/12 6E5C21/00**
[25] FR
[54] **DISPOSITIF DE RENFORT DE CADRE ET DE PORTE**
[54] **DOOR AND FRAME REINFORCING DEVICE**
[72] Fraser, Paul Etienne, CA
[73] Fraser, Paul Etienne, CA
[22] 1991-12-30
[62] 2,058,615

[11] **2,104,153**
[13] C

[51] **Int.Cl. 6G9F3/00**
[25] EN
[54] **MACHINE SHOP MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'ATELIER D'USINAGE**
[72] Sontag, Walter A., CA
[73] Sontag, Walter A., CA
[22] 1993-10-12
[30] US (959,724) 1992-10-13

[11] **2,104,357**
[13] C

[51] **Int.Cl. 6B65D47/00**
[25] EN
[54] **PLASTIC DRUM WITH DRAIN SUMP AND METHOD OF MAKING THE SAME**
[54] **BARIL DE PLASTIQUE MUNI D'UNE TRAPPE DE VIDAGE ET METHODE DE FABRICATION CONNEXE**
[72] Gay, Raymond W., US
[73] Greif Bros. Corporation, US
[22] 1993-08-18
[30] US (009,550) 1993-01-26

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,104,819**
[13] C

[51] **Int.Cl. 6B1D71/02 6C1B13/02**
[25] EN
[54] **PROCESS FOR RECOVERING OXYGEN FROM GASEOUS MIXTURES CONTAINING WATER OR CARBON DIOXIDE WHICH PROCESS EMPLOYS BARIUM-CONTAINING ION TRANSPORT MEMBRANES**
[54] **PROCEDE SERVANT A RECUPERER L'OXYGENE PRESENT DANS DES MELANGES GAZEUX CONTENANT DE L'EAU OU DU BIOXYDE DE CARBONE, ET EMPLOYANT DES MEMBRANES DE TRANSPORT D'IONS CONTENANT DU BARIUM**
[72] Thorogood, Robert Michael, US
[72] Carolan, Michael Francis, US
[72] Labar, James Marlow Sr., US
[72] Dyer, Paul Nigel, US
[72] Fine, Stephen Mark, US
[73] Air Products and Chemicals, Inc., US
[22] 1993-08-25
[30] US (07/937768) 1992-09-01

[11] **2,105,246**
[13] C

[51] **Int.Cl. 6F27D11/06**
[25] EN
[54] **HEATING APPARATUS FOR INDUCTION LADLE AND VACUUM FURNACE**
[54] **DISPOSITIF POUR LE RECHAUFFAGE DES POCHES A COULEE A INDUCTION ET DES FOURS A VIDE**
[72] Heine, Hans G., US
[72] Cignetti, Nicholas P., US
[73] Inductotherm Corp., US
[22] 1993-08-31
[30] US (019,921) 1993-02-19

[11] **2,105,426**
[13] C

[51] **Int.Cl. 6G8C17/00**
[25] EN
[54] **REMOTE VEHICLE STARTING SYSTEM**
[54] **SYSTEME DE DEMARRAGE A DISTANCE DE VEHICULES MOTEURS**
[72] Dery, Normand, CA
[72] Mailhot, Guy, CA
[72] Jean, Alain, CA
[73] ASTROFLEX INC., CA
[22] 1993-09-02

[11] **2,107,408**
[13] C

[51] **Int.Cl. 6E5C9/00 6E5B63/00**
[25] EN
[54] **MULTIPOINT LOCK ASSEMBLY FOR A SWINGING DOOR**
[54] **DISPOSITIF DE VERROUILLAGE POUR PORTE VA-ET-VIENT**
[72] Mac Neil, David I., US
[72] Gajer, Nandor, US
[73] W&F Manufacturing, Inc., US
[22] 1993-09-30
[30] US (07/961,643) 1992-10-16

[11] **2,109,772**
[13] C

[51] **Int.Cl. 6B23K7/00**
[25] EN
[54] **CUTTING NOZZLE ASSEMBLY FOR A POSTMIXED OXY-FUEL GAS TORCH**
[54] **TETE DE COUPE POUR CHALUMEAU A FLAMME D'OXYGENE ET GAZ POST-MELANGEE**
[72] Bissonnette, Claude, CA
[73] OXY-ARC REPAIRS & SERVICES LTD., CA
[22] 1993-11-23
[30] US (981,352) 1992-11-25

[11] **2,111,272**
[13] C

[51] **Int.Cl. 6A63B53/04**
[25] EN
[54] **GOLF PUTTER WITH FACE PLATE INSERT**
[54] **FER DROIT AVEC PLAQUE DE FACE RAPPOREE**
[72] Schmidt, Glenn H., US
[72] Helmstetter, Richard C., US
[73] Callaway Golf Company, US
[22] 1993-12-13
[30] US (07/999,249) 1993-01-19

[11] **2,111,929**
[13] C

[51] **Int.Cl. 6G8B25/10**
[25] EN
[54] **WIRELESS ALARM SYSTEM**
[54] **SYSTEME D'ALARME SANS FIL**
[72] Pildner, Reinhart K., CA
[72] Parker, James, CA
[73] DIGITAL SECURITY CONTROLS LTD., CA
[22] 1993-12-20
[30] US ((08/171,460)) 1993-12-16

[11] **2,112,148**
[13] C

[51] **Int.Cl. 6E5C3/12**
[25] EN
[54] **PIVOT STRUCTURE FOR A LOCK HANDLE**
[54] **STRUCTURE A PIVOT POUR MANETTE VERROUILLABLE**
[72] Raetz, Thomas P., US
[73] Truth Hardware Corporation, US
[22] 1993-12-22
[30] US (08/095,155) 1993-07-20

[11] **2,113,229**
[13] C

[51] **Int.Cl. 6A61K31/505**
[25] EN
[54] **ANTI-FIBROTIC QUINAZOLINONE-CONTAINING COMPOSITIONS AND METHODS FOR THE USE THEREOF**
[54] **COMPOSITIONS ANTI-FIBREUSES CONTENANT DE LA QUINAZOLINONE ET METHODES D'UTILISATION CORRESPONDANTES**
[72] Pines, Mark, IL
[72] Nagler, Arnon, IL
[72] Slavin, Shimon, IL
[73] Hadasit Medical Research Services & Development Company Ltd., IL
[73] AGRICULTURAL RESEARCH ORGANIZATION, MINISTRY OF AGRICULTURAL, STATE OF I, IL
[22] 1994-01-11

[11] **2,113,560**
[13] C

[51] **Int.Cl. 6A1N25/12 6A1N25/24**
[25] EN
[54] **METHODS AND COMPOSITIONS OF ADHERENT STARCH GRANULES FOR ENCAPSULATING PEST CONTROL AGENTS**
[54] **COMPOSITIONS A BASE DE GRAINS D'AMIDON ADHERENTS SERVANT A ENROBER DES PRODUITS PESTICIDES, ET METHODES CONNEXES**
[72] Shasha, Baruch S., US
[72] McGuire, Michael R., US
[73] United States of America, as represented by the Secretary of, US
[85] 1994-01-14
[86] 1992-07-14 (PCT/US92/05869)
[87] (WO93/01713)
[30] US (730,763) 1991-07-16

**Canadian Patents Issued
April 20, 1999**

[11] 2,115,145
[13] C

[51] Int.Cl. 6B1F17/56 6A61K7/00 6B1J13/02 6A23L1/035 6A1N25/04 6A61K9/107
[25] EN
[54] EMULSIFIER, EMULSION COMPOSITION, AND POWDER COMPOSITION
[54] EMULSIFIANT, EMULSION ET POUDRE
[72] Maeda, Hirokazu, JP
[72] Furuta, Hitoshi, JP
[72] Takahashi, Taro, JP
[72] Takei, Chiemi, JP
[72] Kurita, Hiroko, JP
[72] Sato, Yoko, JP
[73] Fuji Oil Co., Ltd., JP
[85] 1994-02-07
[86] 1993-06-14 (PCT/JP93/00793)
[87] (WO93/25302)
[30] JP (4-221879) 1992-06-16
[30] JP (4-221880) 1992-06-16
[30] JP (4-335267) 1992-11-20

[11] 2,115,197
[13] C

[51] Int.Cl. 6A61B17/34
[25] EN
[54] LANCET BLADE DESIGNED FOR REDUCED PAIN
[54] LAME DE LANCETTE CONCUE POUR REDUIRE LA DOULEUR
[72] Burns, James A., US
[73] Becton, Dickinson and Company, US
[22] 1994-02-08
[30] US (08/023,496) 1993-02-26

[11] 2,115,280
[13] C

[51] Int.Cl. 6A1G23/083
[25] EN
[54] TREE DELIMBING AND FELLING APPARATUS
[54] MACHINE POUR L'ABATTAGE DES ARBRES ET L'ELAGAGE DES TRONCS
[72] Hill, Terrance Reid, CA
[72] Hackett, Bruce Alfred, CA
[73] Hill, Terrance Reid, CA
[73] Hackett, Bruce Alfred, CA
[22] 1994-02-09

[11] 2,115,540
[13] C

[51] Int.Cl. 6C11D17/08 6C11D3/22 6C11D3/37 6C11D3/50
[25] EN
[54] LIQUID FABRIC SOFTENER WITH INSOLUBLE PARTICLES STABLY SUSPENDED BY SOIL RELEASE POLYMER
[54] ASSOUPPLISSANT LIQUIDE POUR TISSUS A PARTICULES INSOLUBLES GARDEES EN SUSPENSION STABLE PAR UN POLYMER ANTISALISSURE
[72] Trinh, Toan, US
[72] Tordil, Helen B., US
[73] Procter & Gamble Company (The), US
[85] 1994-02-11
[86] 1992-08-24 (PCT/US92/07015)
[87] (WO93/05138)
[30] US (751,427) 1991-08-28

[11] 2,116,524
[13] C

[51] Int.Cl. 6A61K31/215 6A61K9/70 6A61K31/19
[25] EN
[54] ANTIPHLOGISTIC ANALGESIC PLASTIC
[54] PLASTIQUE ANTI-INFLAMMATOIRE ANALGESIQUE
[72] Nakagawa, Akira, JP
[72] Hirano, Munechiko, JP
[72] Tateishi, Tetsuro, JP
[73] Hisamitsu Pharmaceutical Co., Inc., JP
[85] 1994-02-25
[86] 1992-08-10 (PCT/JP92/01022)
[87] (WO93/04677)
[30] JP (Hei 3-246665) 1991-08-30

[11] 2,116,906
[13] C

[51] Int.Cl. 6F23M5/00 6F24C3/04
[25] EN
[54] RADIANT WALL OVEN AND PROCESS FOR GENERATING INFRARED RADIATION HAVING A NONUNIFORM EMISSION DISTRIBUTION
[54] PAROI DE FOUR A CHAUFFAGE PAR RAYONNEMENT ET EMETTEUR INFRAROUGE PERMETTANT UNE REPARTITION NON UNIFORME DES RADIATIONS
[72] Best, Willie H., US
[73] HADEN SCHWEITZER CORPORATION, US
[22] 1994-03-03
[30] US (08/039,928) 1993-03-29

[11] 2,117,235
[13] C

[51] Int.Cl. 6G11B20/10 6G11B31/00
[25] EN
[54] TRANSCRIPTION INTERFACE FOR A WORD PROCESSING STATION
[54] INTERFACE DE TRANSCRIPTION POUR POSTE DE TRAITEMENT DE TEXTE
[72] Benton, Richard Coy, Jr., US
[72] Henion, Scott Gregory, US
[72] McKenna, John Thomas, II, US
[73] LANIER WORLDWIDE, INC., US
[22] 1994-03-08
[30] US (08/028,973) 1993-03-10

[11] 2,117,451
[13] C

[51] Int.Cl. 6H4M3/42 6H4M11/06
[25] EN
[54] METHOD FOR SENDING AND RECEIVING VIDEO IMAGES
[54] METHODE D'EMISSION ET DE RECEPTION DE SIGNAUX VIDEO
[72] Blonder, Greg E., US
[73] American Telephone and Telegraph Company, US
[22] 1994-08-10
[30] US (113,935) 1993-08-30

[11] 2,117,862
[13] C

[51] Int.Cl. 6F1D5/00
[25] EN
[54] ROTOR BLADE DAMPING STRUCTURE FOR AXIAL-FLOW TURBINE
[54] AMORTISSEUR DE LAME DE ROTOR POUR TURBINE AXIALE
[72] Suzuki, Atsuhide, JP
[72] Kodama, Hirotugu, JP
[72] Suzuki, Toshio, JP
[73] Kabushiki Kaisha Toshiba, JP
[22] 1994-10-11
[30] JP (20948/1994) 1994-02-18

**Brevets canadiens délivrés
20 avril, 1999**

[11] 2,118,215
[13] C

[51] Int.Cl. 6A61F13/46
[25] EN
[54] GENERALLY THIN, FLEXIBLE
SANITARY NAPKIN WITH STIFFENED
CENTER
[54] SERVIETTE HYGIENIQUE GEN-
ERALEMENT MINCE ET SOUPLE A
CENTRE RENFORCE
[72] Osborn, Thomas Ward, III, US
[73] PROCTER & GAMBLE COMPANY
(THE), US
[85] 1994-10-14
[86] 1993-04-19 (PCT/US93/03690)
[87] (WO93/21879)
[30] US (07/874,872) 1992-04-28

[11] 2,118,971
[13] C

[51] Int.Cl. 6F15B15/20
[25] EN
[54] INTERNAL CHECK VALVE
[54] CLAPET DE RETENUE INTERNE
[72] Foster, Raymond Keith, US
[73] Foster, Raymond Keith, US
[22] 1994-03-14
[30] US (08/054,530) 1993-04-28

[11] 2,119,653
[13] C

[51] Int.Cl. 6B7B11/00
[25] EN
[54] APPARATUS/METHOD FOR UNI-
FORM FLUIDIZED BED SORTING
[54] APPAREIL ET METHODE POUR
LA TRIAGE UNIFORME D'UN LIT FLU-
IDISE
[72] Zaltzman, Arthur, US
[72] Woodland, Sylvester Lynn, US
[73] Camas International, Inc., US
[85] 1994-03-22
[86] 1992-09-23 (PCT/US92/08098)
[87] (WO93/05882)
[30] US (07/764,691) 1991-09-23

[11] 2,120,289
[13] C

[51] Int.Cl. 6C1B7/01 6C1B7/07 6C7C263/
10
[25] EN
[54] PROCESS FOR PRODUCING RE-
AGENT GRADE HYDROCHLORIC
ACID FROM THE MANUFACTURE OF
ORGANIC ISOCYANATES
[54] PROCEDE DE PRODUCTION
D'ACIDE HYDROCHLORIQUE DE
QUALITE REACTIF A PARTIR D'UN
PROCEDE DE FABRICATION D'ISO-
CYANATES ORGANIQUES
[72] Nuernberg, K. Edward, US
[72] Schwarz, Hans V., US
[73] Basf Corporation, US
[22] 1994-03-30
[30] US (08/040,792) 1993-03-31

[11] 2,120,290
[13] C

[51] Int.Cl. 6B1J13/02 6A23P1/04
6A61K47/42 6A61K9/50
[25] FR
[54] PROCEDE DE PREPARATION DE
SPHERULES DE PRINCIPES ACTIFS
[54] PROCESS FOR PREPARING
SPHERULES OF ACTIVE AGENTS
[72] Dollat, Jean-Marie, FR
[72] Molin, Marc, FR
[72] Theallier, Pascal, FR
[73] Rhône-Poulenc Nutrition Animale, FR
[22] 1994-03-30
[30] FR (93/03728) 1993-03-31

[11] 2,120,326
[13] C

[51] Int.Cl. 6H5K1/02 6H5K5/00 6H5K9/00
[25] EN
[54] STRUCTURE OF AN ELECTRO-
TECHNICAL DEVICE
[54] STRUCTURE DE DISPOSITIF
ELECTROTECHNIQUE
[72] Neumann, Werner, DE
[73] BODENSEEWERK GERÄTECH-
NIK GmbH, DE
[85] 1994-03-30
[86] 1992-09-30 (PCT/EP92/02266)
[87] (WO93/07737)
[30] DE (P 41 32 994.5) 1991-10-04

[11] 2,120,618
[13] C

[51] Int.Cl. 6C5G5/00
[25] EN
[54] APPARATUS AND PROCESS FOR
COATING PARTICLES
[54] INSTALLATION ET PROCEDE
D'ENROBAGE DE PARTICULES
[72] Shirley, Arthur Ray Jr., US
[72] Cochran, Keith D., US
[72] Derrah, Russell L., CA
[72] Quadir, Sayeeda Jabeen, CA
[72] Tuliowski, Zdislaw M., CA
[72] Lynch, Terence B., CA
[73] IMC AgriBusiness Inc., US
[85] 1994-04-05
[86] 1992-10-09 (PCT/CA92/00447)
[87] (WO93/06941)
[30] US (07/773,273) 1991-10-09

[11] 2,121,859
[13] C

[51] Int.Cl. 6B32B5/24 6A61F13/15 6D4H3/
16
[25] EN
[54] TOPSHEET OF BODY FLUID AB-
SORPTIVE ARTICLES AND METHOD
FOR MAKING SAME
[54] FEUILLE POUR ARTICLES AB-
SORBANTS DE LIQUIDES COR-
PORELS ET METHODE DE
FABRICATION
[72] Takai, Hisashi, JP
[72] Kido, Tsutomu, JP
[73] Uni-Charm Corporation, JP
[22] 1994-04-21
[30] JP (5-10190) 1993-04-27

[11] 2,124,090
[13] C

[51] Int.Cl. 6A1N37/02 6A1N37/06
[25] EN
[54] NOVEL HERBICIDALLY-ACTIVE
FATTY ACID SALTS
[54] NOUVEAUX SELS D'ACIDES
GRAS, HERBICIDES
[72] Evans, Steven L., US
[72] Harvey, John, US
[72] Tsujino, Yasuko, JP
[73] Mycogen Corporation,
[73] Japan Tobacco, Inc., JP
[85] 1994-05-20
[86] 1992-11-18 (PCT/US92/10088)
[87] (WO93/09669)
[30] US (796,161) 1991-11-22

**Canadian Patents Issued
April 20, 1999**

[11] 2,124,290
[13] C

[51] Int.Cl. 6A61K7/043
[25] FR
[54] VERNIS A ONGLES AQUEUX, IN-COLORE OU COLORE, CONTENANT UN POLYMER FILMOGENE A L'ETAT DISPERSE ET UN COMPOSE PERFLUOROALKYLE HYDROSOLUBLE
[54] COLORED OR COLORLESS AQUEOUS NAIL POLISH CONTAINING A DISPERSED FILM-FORMING POLYMER AND A WATER-SOLUBLE PERFLUOROALKYL COMPOUND
[72] De La Poterie, Valérie, FR
[72] Mellul, Myriam, FR
[73] L'ORÉAL, FR
[22] 1994-05-25
[30] FR (93 06 329) 1993-05-26

[11] 2,124,606
[13] C

[51] Int.Cl. 6G6F3/14
[25] EN
[54] METHOD AND APPARATUS FOR PRODUCING A COMPOSITE SECOND IMAGE IN THE SPATIAL CONTEXT OF A FIRST IMAGE
[54] METHODE ET DISPOSITIF POUR PRODUIRE UNE SECONDE IMAGE COMPOSITE INCRUSTEE DANS UNE PREMIERE IMAGE
[72] Stone, Maureen C., US
[72] Bier, Eric A., US
[72] Fishkin, Kenneth P., US
[72] DeRose, Anthony, US
[73] XEROX CORPORATION, US
[22] 1994-05-30
[30] US (96193) 1993-07-21

[11] 2,124,913
[13] C

[51] Int.Cl. 6G3B17/18
[25] EN
[54] CAMERA WITH AN INFORMATION DISPLAY
[54] CAMERA A AFFICHEUR D'INFORMATION
[72] Kim, Seong-tae, KR
[72] Goo, Bon-jeong, KR
[73] Samsung Aerospace Industries, Ltd., KR
[22] 1994-06-01
[30] KR (93-10246) 1993-06-07
[30] KR (94-2557) 1994-02-14

[11] 2,124,990
[13] C

[51] Int.Cl. 6A61K31/55 6A61K31/395 6A61K31/435 6A61K31/445 6A61K31/495 6A61K31/535
[25] EN
[54] PHARMACEUTICAL AGENTS FOR TREATMENT OF EMESIS
[54] AGENTS PHARMACEUTIQUES POUR LE TRAITEMENT DU VOMISSEMENT
[72] Desai, Manoj C., US
[72] Lowe, John A., III, US
[72] Watson, John W., US
[73] Pfizer Inc., US
[22] 1994-06-02
[30] US (08/072,629) 1993-06-04

[11] 2,125,266
[13] C

[51] Int.Cl. 6H5K1/18
[25] FR
[54] ASSEMBLAGE HAUTE DENSITE, HAUTE FIABILITE DE CIRCUITS INTEGRES ET SON PROCEDE DE REALISATION
[54] HIGH DENSITY AND HIGH FIABILITY INTEGRATED CIRCUIT ASSEMBLY AND MANUFACTURING PROCESS FOR SAID ASSEMBLY
[72] Muller, Eric, FR
[72] Masgrangeas, Marc, FR
[72] Coello Vera, Augustin, FR
[73] Alcatel N.V., NL
[22] 1994-06-06
[30] FR (93 06 840) 1993-06-08

[11] 2,125,375
[13] C

[51] Int.Cl. 6E2F3/36
[25] EN
[54] TACTILE CONTROL FOR AUTOMATED BUCKET LOADING
[54] COMMANDE TACTILE POUR LE CHANGEMENT AUTOMATISE DE GOBETS
[72] Drouin, André, CA
[72] Dasys, Andrew, CA
[72] Geoffroy, Louis, CA
[73] NORANDA INC., CA
[22] 1994-06-07

[11] 2,125,806
[13] C

[51] Int.Cl. 6G6F12/02
[25] EN
[54] BUTTONLESS MEMORY SYSTEM FOR AN ELECTRONIC MEASUREMENT DEVICE
[54] MEMOIRE SANS BOUTON POUR APPAREIL DE MESURE ELECTRONIQUE
[72] Fox, David, US
[73] BAYER CORPORATION, US
[22] 1994-06-14
[30] US (097,477) 1993-07-27

[11] 2,126,558
[13] C

[51] Int.Cl. 6C9D127/12 6B5D7/24 6C9D7/00 6C9D133/06
[25] EN
[54] ISOPHORONE-FREE FLUOROCARBON COATING COMPOSITION
[54] COMPOSITION DE REVETEMENT A BASE DE FLUOROCARBURES EXEMPTS D'ISOPHORONE
[72] Hunt, Robin L., JP
[73] PPG INDUSTRIES, INC., US
[85] 1994-06-22
[86] 1992-12-18 (PCT/US92/11101)
[87] (WO93/13178)
[30] US (815,798) 1992-01-02

[11] 2,127,311
[13] C

[51] Int.Cl. 6B65D45/04
[25] EN
[54] DOUBLE SEAL FOOD CONTAINER
[54] RECIPIENT A DOUBLE DISPOSITIF D'ETANCHEITE
[72] Littlejohn, Mark, US
[72] Juneau, Michael P., US
[73] James River Corporation of Virginia, US
[22] 1994-07-04
[30] US (120,525) 1993-09-14

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,128,038**
[13] C
[51] **Int.Cl. 6A61M5/31**
[25] EN
[54] **DRUG ACCESS ASSEMBLY FOR VIALS AND AMPULES**
[54] **DISPOSITIF D'ACCES AUX MEDICAMENTS CONTENUS DANS DES FIOLES ET DES AMPOULES**
[72] Sweeney, Niall, US
[73] Becton, Dickinson and Company, US
[22] 1994-07-14
[30] US (08/101,126) 1993-08-02

[11] **2,128,143**
[13] C
[51] **Int.Cl. 6F1N3/10**
[25] EN
[54] **EXHAUST GAS CATALYTIC CONVERTER, PARTICULARLY FOR MOTOR CARS**
[54] **CONVERTISSEUR CATALYTIQUE DE GAZ D'ECHAPPEMENT, NOTAMMENT POUR AUTOMOBILES**
[72] Dekumbis, Roger, CH
[72] Stringaro, Jean-Paul, CH
[73] SULZER CHEMTECH AG, CH
[22] 1994-07-15
[30] EP (93810553.3) 1993-08-05

[11] **2,128,230**
[13] C
[51] **Int.Cl. 6C7K17/14 6C12N11/14 6B1J13/00 6B22F9/24 6G1N33/531 6G1N33/553**
[25] EN
[54] **FORMATION OF COLLOIDAL METAL DISPERSIONS USING AMINO-DEXTRANS AS REDUCTANTS AND PROTECTIVE AGENTS**
[54] **FORMATION DE DISPERSIONS METALLIQUES COLLOIDALES A L'AIDE D'AMINODEXTRANS COMME REDUCTEURS ET AGENTS DE PROTECTION**
[72] Siiman, Olavi, US
[72] Burshteyn, Alexander, US
[73] Coulter Corporation, US
[85] 1994-07-15
[86] 1993-01-28 (PCT/US93/00979)
[87] (WO93/15117)
[30] US (07/827,347) 1992-01-29

[11] **2,128,246**
[13] C
[51] **Int.Cl. 6C9D133/14**
[25] EN
[54] **WATER BASED COATING COMPOSITION WITH IMPROVED PROCESS RESISTANCE**
[54] **ENDUIT A BASE AQUEUSE AYANT UNE RESISTANCE ACCRUE A DIVERS TRAITEMENTS**
[72] Essary, William A., US
[72] List, Michael T., US
[73] PPG INDUSTRIES, INC., US
[85] 1994-07-15
[86] 1993-03-12 (PCT/US93/02450)
[87] (WO93/20162)
[30] US (860,832) 1992-03-31

[11] **2,128,661**
[13] C
[51] **Int.Cl. 6A1K39/01**
[25] EN
[54] **BIRD FEEDER**
[54] **MANGEOIRE POUR OISEAUX**
[72] Coulter, Don, CA
[73] Coulter, Don, CA
[22] 1994-07-22

[11] **2,129,075**
[13] C
[51] **Int.Cl. 6G6F12/14**
[25] EN
[54] **ELECTRONIC COPYRIGHT ROYALTY ACCOUNTING SYSTEM USING GLYPHS**
[54] **SYSTEME DE COMPTABILISATION ELECTRONIQUE DES DROITS D'AUTEUR UTILISANT DES GLYPHES**
[72] Daniele, Joseph J., US
[73] XEROX CORPORATION, US
[22] 1994-07-28
[30] US (136,842) 1993-10-18

[11] **2,129,891**
[13] C
[51] **Int.Cl. 6G6F13/14**
[25] EN
[54] **COMMUNICATION PROCESS AND COMMUNICATION SYSTEM FOR COMPUTER-ASSISTED PRINTING**
[54] **PROCESSUS ET SYSTEME DE COMMUNICATION POUR L'IMPRESION ASSISTEE PAR ORDINATEUR**
[72] Schneider, Josef, DE
[72] Weichmann, Armin, DE
[73] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 1994-08-10
[30] DE (P 43 28 026.9) 1993-08-20

[11] **2,129,909**
[13] C
[51] **Int.Cl. 6B65G47/74**
[25] EN
[54] **SWING ARM BRACKET ASSEMBLY**
[54] **SUPPORT A BRAS OSCILLANT**
[72] McGuire, O. Daniel, US
[72] Kopp, Norman L., US
[72] Brown, Gerald W., US
[73] Kollmorgen Corporation, US
[22] 1994-08-11
[30] US (08/105,744) 1993-08-12

[11] **2,130,363**
[13] C
[51] **Int.Cl. 6B23D71/04**
[25] EN
[54] **COMPOUND ELLIPTICAL TIRE RASP BLADE**
[54] **CARDE A LAMES ELLIPTIQUES POUR LA FABRICATION DE PNEUMATIQUES**
[72] Jensen, Wayne E., US
[73] B & J Manufacturing Company, US
[22] 1994-08-18
[30] US (08/114,773) 1993-08-31

**Canadian Patents Issued
April 20, 1999**

[11] **2,131,347**
[13] C
[51] Int.Cl. 6B63H11/08
[25] EN
[54] **JET PUMP MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE POUR POMPE ASPIRANTE**
[72] Craig, W. Scott, US
[72] Rogers, Duane E., US
[72] Blanchard, Clarence E., US
[72] Hall, Charles B., US
[72] Mooney, Robert, US
[73] Outboard Marine Corporation, US
[22] 1994-09-01
[30] US (08/147,933) 1993-11-05

[11] **2,133,568**
[13] C
[51] Int.Cl. 6G5D1/08 6F41G3/22
6B64C19/02
[25] EN
[54] **HELICOPTER INTEGRATED FIRE AND FLIGHT CONTROL SYSTEM HAVING TURN COORDINATION CONTROL**
[54] **SYSTEME INTEGRE DE COMMANDE DE TIR ET DE VOL POUR HELICOPTERE POSSEDANT UNE COMMANDE DE COORDINATION DE VIRAGE**
[72] Fowler, Donald W., US
[72] Lappos, Nicholas D., US
[73] United Technologies Corporation, US
[85] 1994-10-03
[86] 1993-05-06 (PCT/US93/04359)
[87] (WO93/23716)
[30] US (07/885,798) 1992-05-19

[11] **2,133,649**
[13] C
[51] Int.Cl. 6C12N7/00 6A1N63/00
[25] EN
[54] **ORAL INFECTION OF INSECT LARVAE WITH PRE-OCCLUDED BACULOVIRUS PARTICLES**
[54] **INFECTION ORALE DE LARVES D'INSECTES AVEC DES PARTICULES DE BACULOVIRUS PRE-OCCLUDES**
[72] Wood, H. Alan, US
[73] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., US
[85] 1994-10-04
[86] 1993-04-26 (PCT/US93/03913)
[87] (WO93/22442)
[30] US (07/875,691) 1992-04-29

[11] **2,133,755**
[13] C
[51] Int.Cl. 6G2F1/15 6G2F1/153
[25] EN
[54] **ELECTROCHROMIC STRUCTURES AND METHODS**
[54] **STRUCTURES ELECTROCHROMIQUES ET METHODES DE FABRICATION DE CES STRUCTURES**
[72] Van Dine, John E., US
[72] Parkhe, V.D., US
[72] Klein, Lisa C., US
[72] Trumbore, Forrest A., US
[73] SUN ACTIVE GLASS ELECTROCHROMICS, INC., US
[85] 1994-10-05
[86] 1993-04-12 (PCT/US93/03423)
[87] (WO93/21557)
[30] US (07/866,606) 1992-04-10
[30] US (07/996,730) 1992-12-24

[11] **2,134,719**
[13] C
[51] Int.Cl. 6F26B5/00 6A1F25/13
[25] EN
[54] **METHOD OF STORING LOGS**
[54] **METHODE DE STOCKAGE DE JOURNAUX**
[72] Hammer, John F., US
[73] Cornelia Textiles, Inc., US
[22] 1994-10-31
[30] US (08/274,298) 1994-06-30

[11] **2,135,042**
[13] C
[51] Int.Cl. 6B1J20/14
[25] FR
[54] **PROCEDE POUR L'OBTENTION D'AGENTS FILTRANTS DIATOMIQUES A TRES FAIBLE TENEUR EN CRISTOBALITE PAR AGGLOMERATION AVEC DES LIANTS SILICATES OU SILICIQUES ET AGENTS FILTRANTS CORRESPONDANTS**
[54] **PROCESS FOR THE PREPARATION OF DIATOMACEOUS FILTRATION AGENTS HAVING A VERY LOW CRISTOBALITE CONTENT, BY AGGLOMERATION WITH SILICATED OR SILICIC BINDERS, AND CORRESPONDING FILTRATION AGENTS**
[72] Dufour, Pascal, FR
[73] Ceca S.A., FR
[22] 1994-11-03
[30] FR (93 13 862) 1993-11-19

[11] **2,135,904**
[13] C
[51] Int.Cl. 6B67D1/12 6B67D1/00 6B67D1/06
[25] EN
[54] **BEVERAGE DISPENSING SYSTEM FOR A BAR**
[54] **SYSTEME DE DISTRIBUTION DE BOISSONS POUR BAR**
[72] Simard, Gilbert, CA
[73] Azbar Inc., CA
[85] 1994-11-15
[86] 1993-06-07 (PCT/CA93/00241)
[87] (WO93/25466)
[30] US (894,267) 1992-06-08
[30] US (894,269) 1992-06-08
[30] US (895,084) 1992-06-08

[11] **2,136,067**
[13] C
[51] Int.Cl. 6A61F13/56
[25] EN
[54] **DISPOSABLE TRAINING PANT HAVING IMPROVED STRETCHABLE SIDE PANELS**
[54] **CULOTTES DE PROPRETE JETABLES AVEC BANDES ELASTIQUES LATERALES AMELIOREES**
[72] Nishikawa, Masaharu, JP
[72] Rollag, Keith Wesley, JP
[72] Sageser, David Mark, US
[72] Yamada, Jiro, JP
[73] PROCTER & GAMBLE COMPANY (THE), US
[85] 1994-11-17
[86] 1993-04-29 (PCT/US93/04036)
[87] (WO93/24085)
[30] JP (H4/155637) 1992-05-22

[11] **2,136,236**
[13] C
[51] Int.Cl. 6G1N27/27 6G1N1/28 6G1N27/416 6G5D23/19 6G1N33/49 6G1N33/84
[25] EN
[54] **TEMPERATURE CONTROL FOR PORTABLE DIAGNOSTIC SYSTEM**
[54] **REGULATION DE LA TEMPERATURE POUR SYSTEME DE DIAGNOSTIC PORTATIF**
[72] Hieb, Martin G., US
[72] Blomberg, Scott E., US
[73] DIAMETRICS MEDICAL, INC., US
[85] 1994-11-18
[86] 1993-05-13 (PCT/US93/04559)
[87] (WO93/23747)
[30] US (07/886,616) 1992-05-21

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,136,365**
[13] C
[51] **Int.Cl. 6H4M1/60 6H4M1/74**
[25] EN
[54] **BACKGROUND NOISE COMPENSATION IN A TELEPHONE SET**
[54] **REDUCTION DU BRUIT DE FOND DANS LES POSTES TELEPHONIQUES**
[72] Allen, Jonathan Brandon, US
[72] Youtkus, Donald Joseph, US
[73] American Telephone and Telegraph Company, US
[22] 1994-11-22
[30] US (175,038) 1993-12-29

[11] **2,136,475**
[13] C
[51] **Int.Cl. 6A23L1/31 6A23L1/307**
[25] EN
[54] **LOW FAT MEAT PROCESS**
[54] **METHODE DE PREPARATION DE VIANDE A FAIBLE TENEUR EN MATIERES GRASSES**
[72] Franklin, Daniel L., US
[72] Herreid, Richard M., US
[72] Stephan, Kenneth C., US
[73] Hormel Foods Corporation, US
[22] 1994-11-23
[30] US (08/238,910) 1994-05-06

[11] **2,136,670**
[13] C
[51] **Int.Cl. 6B65H7/20**
[25] EN
[54] **SHEET LENGTH SENSITIVE DE-STACKING FEEDER**
[54] **DISTRIBUTEUR DESEMPILEUR SENSIBLE A LA LONGUEUR DES FEUILLES**
[72] Wolog, Walter, US
[72] Helit, Thomas M., US
[72] Brewster, William H., Jr., US
[73] Pitney Bowes Inc., US
[22] 1994-11-25
[30] US (08/159,064) 1993-11-29

[11] **2,137,511**
[13] C
[51] **Int.Cl. 6G4G3/00**
[25] EN
[54] **DYNAMICALLY PROGRAMMABLE TIMER-COUNTER**
[54] **MINUTERIE DYNAMIQUEMENT PROGRAMMABLE**
[72] Lee, Young W., US
[72] Moh, Sungwon, US
[72] Muller, Arno, US
[73] Pitney Bowes Inc., US
[22] 1994-12-07
[30] US (08/137,460) 1993-12-09

[11] **2,138,199**
[13] C
[51] **Int.Cl. 6B29C45/42**
[25] EN
[54] **COMPACT CORE AND EJECTOR ASSEMBLY**
[54] **ENSEMBLE NOYAU-EJECTEUR COMPACT**
[72] Gaiser, William R., US
[73] Broadway Companies, Inc., US
[22] 1994-12-15
[30] US (08/217,200) 1994-03-23

[11] **2,138,447**
[13] C
[51] **Int.Cl. 6A61K31/135**
[25] EN
[54] **USE OF 2-METHYLAMINO-2-PHENYLCYCLOHEXANONE FOR THE TREATMENT OF BACTERIAL, FUNGAL, VIRUS OR PROTOZOAN INFECTIONS AS WELL AS FOR IMMUNOMODULATION**
[54] **UTILISATION DE 2-METHYLAMINO-2-PHENYLCYCLOHEXANONE POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES, FONGIQUES, VIRALES OU A PROTOZOAIRES ET POUR L'IMMUNOMODULATION**
[72] Tatar, Akos, DE
[72] Preiss, Detlef, DE
[73] Preiss, Detlef, DE
[22] 1994-12-19
[30] DE (P 44 09 671 2) 1994-03-15

[11] **2,138,483**
[13] C
[51] **Int.Cl. 6B27B33/08**
[25] FR
[54] **SCIE CIRCULAIRE AVEC DENTS MULTI-POINTES AJUSTABLES**
[54] **CIRCULAR SAW WITH ADJUSTABLE MULTIPPOINT TEETH**
[72] Royer, Victorin, CA
[73] Royer, Victorin, CA
[22] 1994-12-19

[11] * **2,138,484**
[13] C
[51] **Int.Cl. 6A61L9/16**
[25] EN
[54] **AIR FLOW STERILIZER**
[54] **STERILISATEUR DE FLUX D'AIR**
[72] Marois, Jean-Luc, CA
[73] Marois, Jean-Luc, CA
[22] 1994-12-19
[30] US (08/169,305) 1993-12-17

[11] **2,139,010**
[13] C
[51] **Int.Cl. 6D6M15/347**
[25] EN
[54] **METHOD OF PRETREATING FABRICS TO IMPART SOIL RELEASE PROPERTIES THERETO USING POLYMERS OF VINYL ETHERS**
[54] **METHODE POUR LE PRETRAITEMENT ANTISALISSURE DE TISSUS A L'AIDE DE POLYMERES D'ETHERS VINyliQUES**
[72] Holland, Richard J., US
[72] Guiney, Kathleen M., US
[72] Baur, Richard, DE
[72] Kroner, Matthias, DE
[73] Basf Corporation, US
[22] 1994-12-23
[30] US (08/174,598) 1993-12-28

[11] **2,139,073**
[13] C
[51] **Int.Cl. 6F2N11/10**
[25] EN
[54] **AUTOMOTIVE OPTO-ELECTRIC STARTER INTERLOCK**
[54] **DISPOSITIF DE VERRROUILLAGE OPTO-ELECTRIQUE POUR DEMARREUR D'AUTOMOBILE**
[72] Dery, Normand, CA
[72] Santerre, Guy, CA
[72] Jean, Alain, CA
[73] ASTROFLEX INC., CA
[22] 1994-12-23

**Canadian Patents Issued
April 20, 1999**

[11] 2,140,163
[13] C

[51] Int.Cl. 6F4D29/40 6F4D25/08
[25] EN
[54] EXHAUST FAN APPARATUS
[54] VENTILATEUR D'EXTRACTION
[72] Kupferberg, Minel, CA
[73] Kupferberg, Minel, CA
[22] 1995-01-13
[30] US (08/340,894) 1994-11-15

[11] 2,140,322
[13] C

[51] Int.Cl. 6E4D1/36 6F24F/02
[25] EN
[54] VENTILATING ELEMENT FOR ROOFS
[54] ELEMENT DE VENTILATION DE TOITURE
[72] Rickert, Hubert, DE
[73] SCHEFFLER GMBH & CO. KG, DE
[22] 1995-01-16
[30] DE (P 44 01 139.3) 1994-01-17

[11] 2,140,731
[13] C

[51] Int.Cl. 6F16D3/50
[25] EN
[54] COMPACT FLEXIBLE COUPLINGS WITH INSIDE DIAMETER BELT SUPPORT AND LOCK-ON FEATURES
[54] ACCOUPLEMENT SOUPLE DE FAIBLE ENCOMBREMENT A DISPOSITIFS DE SUPPORT DE COURROIE ET DE VERROUILLAGE
[72] Hoyt, Raymond Earl, III, US
[72] Hauck, Jerry L., US
[72] Artunian, Tom, US
[73] Hoyt, Raymond Earl, III, US
[73] Hauck, Jerry L., US
[73] Artunian, Tom, US
[22] 1995-01-20
[30] US (321,516) 1994-10-12
[30] US (340,528) 1994-11-16

[11] 2,141,304
[13] C

[51] Int.Cl. 6B66B9/04 6B66B1/04
[25] EN
[54] HYDRAULIC ELEVATOR WITH ACCUMULATOR ENERGY STORAGE AND CHARGING FACILITY
[54] ASCENSEUR HYDRAULIQUE AVEC DES FONCTIONS DE STOCKAGE ET DE GENERATION D'ENERGIE D'ACCUMULATEUR
[72] Peltto-Huikko, Raimo, FI
[73] Kone Oy, FI
[85] 1995-01-27
[86] 1994-05-31 (PCT/FI94/00225)
[87] (WO94/27905)
[30] FI (932504) 1993-06-01

[11] 2,141,316
[13] C

[51] Int.Cl. 6H4B15/00 6G10L9/14
[25] EN
[54] METHOD AND APPARATUS FOR REDUCING AN UNDESIRABLE CHARACTERISTIC OF A SPECTRAL ESTIMATE OF A NOISE SIGNAL BETWEEN OCCURRENCES OF VOICE SIGNALS
[54] METHODE ET DISPOSITIF POUR REDUIRE UNE CARACTERISTIQUE INDESIRABLE DANS L'ESTIMATION SPECTRALE D'UN SIGNAL DE BRUIT SURVENANT ENTRE DES SIGNAUX VOCALUX
[72] Urbanski, Steven Adam, US
[73] Motorola, Inc., US
[85] 1995-01-27
[86] 1994-04-23 (PCT/US94/05724)
[87] (WO95/01634)
[30] US (08/085,693) 1993-06-30

[11] 2,141,918
[13] C

[51] Int.Cl. 6C4B35/04 6C4B35/047
[25] EN
[54] REFRACTORY CERAMIC MASS AND ITS USE
[54] MASSE CERAMIQUE REFRACTAIRE ET SON USAGE
[72] Harmuth, Harald, AT
[72] Heindl, Roland, AT
[72] Deutsch, Josef, AT
[73] Veitsch-Radex Aktiengesellschaft für feuerfeste Erzeugnisse, AT
[22] 1995-02-06
[30] DE (P 44 03 868.2) 1994-02-08

[11] 2,143,244
[13] C

[51] Int.Cl. 6B29C45/60
[25] EN
[54] SCREW HEAD FOR INJECTION MOLDING MACHINE
[54] TETE DE VIS POUR MACHINE A MOULER PAR INJECTION
[72] Miyauchi, Mikiyoshi, JP
[72] Kakishima, Hiroyuki, JP
[73] Toshiba Machine Co., Ltd., JP
[22] 1995-02-23
[30] JP (6-026528) 1994-02-24

[11] 2,143,826
[13] C

[51] Int.Cl. 6B1J29/90 6C10G35/095 6B1J38/44
[25] EN
[54] METHOD OF REGENERATING DEACTIVATED CATALYST
[54] METHODE DE REGENERATION D'UN CATALYSEUR DESACTIVE
[72] Huang, Yao-Jyh Robert, US
[72] Fung, Shun Chong, US
[72] McVicker, Gary Brice, US
[72] Kao, Jar-lin, US
[72] Walsh, John Francis, US
[72] Clem, Kenneth Ray, US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1995-03-03
[86] 1993-09-01 (PCT/US93/08407)
[87] (WO94/05418)
[30] US (07/940,579) 1992-09-04

[11] 2,146,370
[13] C

[51] Int.Cl. 6H1M4/24 6H1M4/26 6H1M4/32
[25] EN
[54] OPTIMIZED POSITIVE ELECTRODE FOR ALKALINE CELLS
[54] ELECTRODE POSITIVE OPTIMISEE POUR PILES ALCALINES
[72] Ovshinsky, Stanford R., US
[72] Fetcenko, Michael A., US
[72] Venkatesan, Srinivasan, US
[72] Holland, Arthur, US
[73] Ovonic Battery Company, Inc., US
[85] 1995-04-04
[86] 1993-11-10 (PCT/US93/10910)
[87] (WO94/11910)
[30] US (975,031) 1992-11-12

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,146,751**
[13] C

- [51] **Int.Cl. 6B65G15/30 6B65G47/94**
[25] EN
[54] **INFLATABLE CONVEYOR BELT**
[54] **COUROID DE TRANSPORT GONFLABLE**
[72] Bonnet, Henri, US
[73] United Parcel Service of America, Inc., US
[85] 1995-04-10
[86] 1993-10-18 (PCT/US93/09973)
[87] (WO94/08878)
[30] US (07/963,588) 1992-10-19

[11] **2,147,120**
[13] C

- [51] **Int.Cl. 6H4Q7/32 6H4M11/06**
[25] EN
[54] **MODEM FOR A TIGHT COUPLING BETWEEN A COMPUTER AND A CELLULAR TELEPHONE**
[54] **MODEM A COUPLAGE FORT ENTRE UN ORDINATEUR ET UN RADIO-TELEPHONE**
[72] Dykes, Don A., US
[72] Castell, Robin T., US
[72] Clark, Andrew C., US
[72] Nagel, Paul E., US
[72] Tran, Huyen B., US
[72] Jones, Randall L., US
[72] Baldridge, Ronald L., US
[73] COMPAQ COMPUTER CORPORATION, US
[85] 1995-04-13
[86] 1993-11-08 (PCT/US93/10984)
[87] (WO94/11999)
[30] US (07/973,625) 1992-11-09

[11] **2,147,268**
[13] C

- [51] **Int.Cl. 6C7C311/39 6C7C303/44**
[25] EN
[54] **A PROCESS FOR PREPARING PHYSICALLY STABLE CRYSTALLINE GAMMA. MODIFICATION OF PARA-AMINO-BENZENESULFANYLAMIDE**
[54] **PROCEDE POUR PREPARER UNE MODIFICATION GAMMA CRISTALLINE PHYSIQUEMENT STABLE DU PARA-AMINO-BENZENESULFANYLAMIDE**
[72] Leonidov, Nikolai Borisovich, RU
[73] Leonidov, Nikolai Borisovich, RU
[85] 1995-04-18
[86] 1993-11-16 (PCT/RU93/00274)
[87] (WO95/05361)
[30] RU (93-041684) 1993-08-19

[11] **2,147,624**
[13] C

- [51] **Int.Cl. 6A61F2/06 6A61M39/04**
[25] EN
[54] **A PROSTHETIC VASCULAR GRAFT**
[54] **GREFFON VASCULAIRE PROTHETIQUE**
[72] Campbell, Carey V., US
[72] Lewis, James D., US
[72] Myers, David J., US
[73] W.L. Gore & Associates, Inc., US
[85] 1995-04-21
[86] 1993-12-10 (PCT/US93/12052)
[87] (WO94/13224)
[30] US (07/989,442) 1992-12-11
[30] US (08/088,599) 1993-08-17

[11] **2,147,645**
[13] C

- [51] **Int.Cl. 6A61F5/01**
[25] FR
[54] **APPAREIL D'ASSISTANCE OU DE SUPPLEANCE DU GENOU**
[54] **KNEE SUPPORT DEVICE OR PROSTHESIS**
[72] Postelmans, Roberto Jean José, BE
[73] Dumont, Françoise Ghislaine, BE
[85] 1995-04-21
[86] 1993-10-22 (PCT/BE93/00066)
[87] (WO94/09729)
[30] BE (09200918) 1992-10-23

[11] **2,148,101**
[13] C

- [51] **Int.Cl. 6C11D10/04 6C11D1/37**
[25] EN
[54] **HIGH SUDSING DETERGENT COMPOSITIONS WITH SPECIALLY SELECTED SOAPS**
[54] **COMPOSITIONS DETERGENTES TRES MOUSSANTES, RENFERMANT DES SAVONS SPECIALEMENT SELECTIONNES**
[72] Vinson, Phillip Kyle, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1995-04-27
[86] 1993-11-24 (PCT/US93/11450)
[87] (WO94/12608)
[30] US (984,074) 1992-11-30
[30] US (112,164) 1993-08-26

[11] **2,148,883**
[13] C

- [51] **Int.Cl. 6B5B1/16 6B5B1/12**
[25] EN
[54] **GARDENING-USED VARIATION-AL SPRINKLING HEAD WITH FULLY DISCHARGING OPENINGS**
[54] **TETE D'ARROSAGE VARIATION-NELLE DE JARDINAGE, MUNIE D'OUVERTURES A PLEIN DEBIT**
[72] Wang, King-Yuan, TW
[73] YUAN MEI CORP., TW
[22] 1995-05-08

[11] **2,148,979**
[13] C

- [51] **Int.Cl. 6B60R21/26**
[25] EN
[54] **AUTOIGNITION OF A FLUID FUELED INFLATOR**
[54] **GONFLEUR A COMBUSTIBLE A INFLAMMATION SPONTANEE**
[72] Rink, Karl K., US
[73] AUTOLIV ASP, INC., US
[22] 1995-05-09
[30] US (08/252,036) 1994-05-31
[30] US (08/339,603) 1994-11-15
[30] US (08/382,559) 1995-02-02

[11] **2,149,054**
[13] C

- [51] **Int.Cl. 6G1M17/02 6G1N19/02**
[25] FR
[54] **DISPOSITIF POUR LA MISE EN OEUVRE DE METHODES DE MESURES DE RESISTANCES AU ROULEMENT ET DE LIMITES D'ADHERENCE, ET LESDITES METHODES**
[54] **DEVICE FOR IMPLEMENTING METHODS FOR MEASURING ROLLING RESISTANCES AND GRIP LIMITS, AND METHODS IMPLEMENTED**
[72] Simon, Jean-René, FR
[73] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR
[85] 1995-05-09
[86] 1994-08-16 (PCT/EP94/02718)
[87] (WO95/07456)
[30] FR (93/10953) 1993-09-10

**Canadian Patents Issued
April 20, 1999**

[11] **2,149,437**
[13] C

[51] Int.Cl. 6A23L1/182
[25] EN
[54] **PARBOILED RICE PRODUCT AND METHOD OF MAKING SAME**
[54] **PRODUIT DE RIZ MI-CUIT ET METHODE DE PREPARATION DE CE PRODUIT**
[72] Kratochvil, Cynthia P., US
[72] Lin, Yah Hwa, US
[72] Novak, Thomas Joseph, US
[73] Uncle Ben's, Inc., US
[85] 1995-05-15
[86] 1993-10-28 (PCT/US93/10393)
[87] (WO94/12056)
[30] US (979,809) 1992-11-20

[11] **2,149,678**
[13] C

[51] Int.Cl. 6B23K9/04 6C23C4/08 6B23K9/095
[25] EN
[54] **METHOD AND APPARATUS FOR ELECTRIC ARC SPRAYING**
[54] **METHODE ET APPAREIL DE METALLISATION**
[72] Herwig, Warren E., US
[72] Vollrath, John, US
[73] PRAXAIR S.T. TECHNOLOGY, INC., US
[22] 1995-05-17
[30] US (08/246,833) 1994-05-20

[11] **2,150,366**
[13] C

[51] Int.Cl. 6B32B5/04 6A61F13/46
[25] EN
[54] **MULTI-LAYER ELASTIC SURFACE PANEL AND PROCESS FOR PRODUCING IT**
[54] **PANNEAU MULTICOUCHE A SURFACE ELASTIQUE, ET PROCEDE DE FABRICATION**
[72] Boich, Heinz-Horst, DE
[72] Wehrle, Myrtha, DE
[72] Tamer, Attila A., DE
[72] Coles, Peter, DE
[72] Soon, See-Aun, DE
[73] Corovin GmbH, DE
[73] Procter & Gamble Company (The), US
[85] 1995-05-26
[86] 1993-12-08 (PCT/DE93/01177)
[87] (WO94/14607)
[30] DE (P 42 43 012.7) 1992-12-18

[11] **2,150,841**
[13] C

[51] Int.Cl. 6C1B6/04
[25] EN
[54] **METHOD FOR THE PREPARATION OF MAGNESIUM HYDRIDE**
[54] **METHODE DE PREPARATION D'HYDRURE DE MAGNESIUM**
[72] Knott, Wilfried, DE
[72] Rupilius, Wolfgang, DE
[73] Th. Goldschmidt AG, DE
[22] 1995-06-02
[30] DE (P 44 19 456.0-41) 1994-06-03

[11] **2,151,428**
[13] C

[51] Int.Cl. 6F25B31/00 6F4B39/06
[25] EN
[54] **COOLING SYSTEM FOR A COMPRESSOR OF A REFRIGERATING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DU COMPRESSEUR D'UN SYSTEME DE REFRIGERATION**
[72] Dubé, Serge, CA
[73] Dubé, Serge, CA
[22] 1995-06-09

[11] **2,151,668**
[13] C

[51] Int.Cl. 6F16B15/00
[25] EN
[54] **FASTENER-SLEEVE ASSEMBLY AND STRIP OF COLLATED FASTENERS**
[54] **ENSEMBLE CLOU-GAINE D'ASSEMBLAGE ET BANDE DE CLOUS ASSEMBLES**
[72] Gupta, Harish C., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1995-06-13
[30] US (262,566) 1994-06-20

[11] **2,152,080**
[13] C

[51] Int.Cl. 6H4M1/274
[25] EN
[54] **WIRELESS TELEPHONE REMOTE CONTROL SYSTEM**
[54] **DISPOSITIF DE TELECOMMANDE DE TELEPHONE SANS FIL**
[72] Vallillee, George W., US
[72] MacKay, James F., US
[73] Datalogic Corporation, US
[85] 1995-06-16
[86] 1994-10-18 (PCT/US94/11797)
[87] (WO95/11562)
[30] US (08/139,264) 1993-10-18

[11] **2,152,565**
[13] C

[51] Int.Cl. 6B1F5/02 6C10L1/32 6B65D90/00
[25] EN
[54] **METHOD FOR PREVENTING ACCUMULATION OF SLUDGE IN A COAL WATER MIXTURE STORAGE TANK**
[54] **METHODE POUR EMPECHER L'ACCUMULATION DE BOUE DANS UN RESERVOIR DE STOCKAGE DE MELANGE CHARBON-EAU**
[72] Hamada, Kenjiro, JP
[72] Masubuchi, Akira, JP
[73] NKK CORPORATION, JP
[22] 1995-06-23
[30] JP (6-245958) 1994-10-12

[11] **2,152,840**
[13] C

[51] Int.Cl. 6B62D25/18
[25] EN
[54] **FLEXIBLE FENDER MOUNT**
[54] **SUPPORT SOUPLE POUR AILE DE VEHICULE**
[72] Rowland, Rodney Keith, CZ
[73] Deere & Company, US
[22] 1995-06-28
[30] US (08/283,016) 1994-07-29

[11] **2,153,906**
[13] C

[51] Int.Cl. 6H4M1/66 6H4M15/00
[25] EN
[54] **APPARATUS AND METHOD FOR SCREENING FOREIGN INCOLLECT CALLS TO DOMESTIC NON-COLLECT CALL TELEPHONE NUMBERS TO REDUCE FRAUD**
[54] **APPAREIL ET METHODE POUR FILTRER LES APPELS A FRAIS VIRES VENANT DE L'ETRANGER A DES NUMEROS DE TELEPHONES DOMESTIQUES NON FACTURABLES AFIN DE REDUIRE LES FRAUDES**
[72] Chiller, Martin Steven, US
[72] Coulter, Peter Iain, US
[72] Petillo, Richard Joseph, US
[73] American Telephone and Telegraph Company, US
[22] 1995-07-14

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,154,498**
[13] C

[51] **Int.Cl. 6G6F3/12**
[25] EN
[54] **APPARATUS AND METHOD FOR MAXIMIZING A RATE OF IMAGE DATA TRANSFER IN A PRINTING SYSTEM**
[54] **DISPOSITIF ET METHODE POUR MAXIMISER LE DEBIT DE TRANSFERT DES DONNEES D'IMAGERIE DANS UN SYSTEME D'IMPRESSION**
[72] Mansoori, Mehdi, US
[72] Romano, Kenneth D., US
[72] Chapin, Robert M., US
[72] Frumusa, Anthony M., US
[72] Ambalavanar, Samuel D., US
[72] Mohabir, Daniel A., US
[73] XEROX CORPORATION, US
[22] 1995-07-24
[30] US (315,277) 1994-09-29

[11] **2,154,789**
[13] C

[51] **Int.Cl. 6H4Q7/34 6H4Q7/32**
[25] EN
[54] **SELF-DIAGNOSTIC SYSTEM FOR CELLULAR-TRANSCIEIVER SYSTEMS**
[54] **SYSTEME D'AUTO-DIAGNOSTIC POUR SYSTEMES CELLULAIRES-TRANSDUCTEURS**
[72] Ortiz, Luis R., US
[72] Torres, Alexis, US
[73] TELULAR CORP., US
[85] 1995-07-26
[86] 1994-03-02 (PCT/US94/02281)
[87] (WO94/22255)
[30] US (037,627) 1993-03-25

[11] **2,154,878**
[13] C

[51] **Int.Cl. 6A61M5/31 6A61C13/38**
[25] EN
[54] **METHODS AND APPARATUS FOR MIXING AND DISPENSING MULTI-PART COMPOSITIONS**
[54] **METHODES ET APPAREIL POUR MELANGER ET DISTRIBUER DES SUBSTANCES A PLUSIEURS COMPOSANTS**
[72] Fisher, Dan E., US
[73] Ultradent Products, Inc., US
[85] 1995-07-27
[86] 1994-09-02 (PCT/US94/09983)
[87] (WO95/06495)
[30] US (08/117,217) 1993-09-03
[30] US (08/270,924) 1994-07-05

[11] **2,154,998**
[13] C

[51] **Int.Cl. 6A61B19/00 6A61G12/00 6A61B17/00**
[25] EN
[54] **SURGICAL INSTRUMENT HOLDER**
[54] **SUPPORT POUR INSTRUMENT CHIRURGICAL**
[72] Putman, John Michael, US
[73] Putman, John Michael, US
[22] 1995-07-28

[11] **2,155,197**
[13] C

[51] **Int.Cl. 6G1N29/04 6G1N29/10**
[25] EN
[54] **ULTRASONIC SIDE-LOOKER FOR RAIL HEAD FLAW DETECTION**
[54] **DISPOSITIF LATERAL ULTRASONIQUE UTILISE POUR LA DETECTION DES DEFAUTS SUR LA PARTIE SUPERIEURE DES RAILS**
[72] Havira, Robert Mark, US
[72] Iorfino, Anthony, US
[73] PANDROL JACKSON INC., US
[85] 1995-08-01
[86] 1994-03-11 (PCT/US94/02656)
[87] (WO94/22008)
[30] US (08/034420) 1993-03-19

[11] **2,155,479**
[13] C

[51] **Int.Cl. 6E1B27/16**
[25] EN
[54] **TAMPING UNIT FOR TRACK TAMPING MACHINES FOR TAMPING TWO IMMEDIATELY ADJACENT SLEEPERS**
[54] **ORGANE DE BOURRAGE POUR MACHINE TRAITANT SIMULTANEMENT DEUX TRAVERSES ADJACENTES**
[72] Theurer, Josef, AT
[72] Peitl, Friedrich, AT
[73] Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H., AT
[22] 1995-08-04
[30] AT (A 1550/94) 1994-08-09

[11] **2,156,818**
[13] C

[51] **Int.Cl. 6F23K5/04**
[25] EN
[54] **CLOSED FEEDING SYSTEM FOR LIQUID FUEL**
[54] **CIRCUIT FERME D'ALIMENTATION EN COMBUSTIBLE LIQUIDE**
[72] Halsnes, Odd, NO
[72] Oftedal, Tor Audun, NO
[73] Forsvarets Forskningsinstitut, NO
[85] 1995-08-23
[86] 1995-01-16 (PCT/NO95/00012)
[87] (WO95/19527)
[30] NO (940161) 1994-01-17

[11] **2,157,401**
[13] C

[51] **Int.Cl. 6B23P19/02**
[25] EN
[54] **CONSTANT VELOCITY JOINT BOOT POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT D'UN SOUFFLET DE JOINT HOMOCINETIQUE**
[72] Weaver, Bruce W., US
[73] Weaver, Bruce W., US
[85] 1995-08-31
[86] 1994-03-11 (PCT/US94/02565)
[87] (WO94/20259)
[30] US (08/030,810) 1993-03-12

[11] **2,157,847**
[13] C

[51] **Int.Cl. 6A44C21/00**
[25] EN
[54] **MACHINE-PROOF MATERIAL COMPOSITE FOR COINS AND MEDALS**
[54] **MATERIAU COMPOSITE FACILITANT LA VALIDATION DES MEDAILLES ET DES PIECES DE MONNAIE FABRIQUEES AVEC CE MATERIAU**
[72] Heubner, Ulrich, DE
[72] Rinke, Horst, DE
[72] Kolb-Teliops, Angelika, DE
[73] Krupp VDM GmbH, DE
[22] 1995-09-08
[30] DE (P 44 32 093 0-42) 1994-09-09

**Canadian Patents Issued
April 20, 1999**

[11] **2,157,935**
[13] C

[51] **Int.Cl. 6A61B1/015 6A61B17/00 6A61M1/00**
[25] EN
[54] **MINIMALLY INVASIVE IRRIGATOR/ASPIRATOR SURGICAL PROBE AND METHOD OF USING SAME**
[54] **SONDE CHIRURGICALE D'IRRIGATION/ASPIRATION LA MOINS INVASIVE POSSIBLE ET METHODE D'UTILISATION**
[72] Beuchat, Charles E., US
[72] Burgess, Vincent James, US
[72] Etherington, Roger F., US
[72] Richards, Kent D., US
[72] Walbrink, Harold J., US
[73] Birtcher Medical Systems, Inc., US
[85] 1995-09-08
[86] 1993-09-29 (PCT/US93/09277)
[87] (WO94/08654)
[30] US (07/958,931) 1992-10-09

[11] **2,159,644**
[13] C

[51] **Int.Cl. 6H4M11/06**
[25] EN
[54] **SYSTEM FOR COMMUNICATING WITH AN ADSI-COMPATIBLE TELEPHONE VIA A SERVICE CIRCUIT NODE**
[54] **SYSTEME POUR COMMUNIQUER AVEC UN TELEPHONE COMPATIBLE ADSI VIA UN NOEUD DE CIRCUIT DE SERVICE**
[72] Chewning, Ward Manning III, US
[72] Morgan, Lara Felker, US
[72] Hogans-Owens, Anita, US
[73] BELL SOUTH CORPORATION, US
[85] 1995-09-29
[86] 1994-04-13 (PCT/US94/04074)
[87] (WO94/24802)
[30] US (048,650) 1993-04-15

[11] **2,159,852**
[13] C

[51] **Int.Cl. 6B25B23/00**
[25] EN
[54] **UNIVERSAL SOCKET TOOL**
[54] **OUTIL UNIVERSEL A DOUILLE**
[72] Zayat, Charles D., US
[73] Zayat, Charles D., US
[22] 1995-10-04
[30] US (320,908) 1994-10-11

[11] **2,160,284**
[13] C

[51] **Int.Cl. 6H1Q1/38**
[25] EN
[54] **HIGH EFFICIENCY MICROSTRIP ANTENNAS**
[54] **ANTENNES A MICRORUBAN A RENDEMENT ELEVE**
[72] Evans, James Gifford, US
[72] Schneider, Martin Victor, US
[72] Wilson, Robert Woodrow, US
[73] AT&T Corp., US
[22] 1995-10-11
[30] US (351,904) 1994-12-08

[11] **2,160,750**
[13] C

[51] **Int.Cl. 6H3F1/02 6H4B1/04**
[25] EN
[54] **METHOD AND APPARATUS FOR INCREASING AMPLIFIER EFFICIENCY**
[54] **METHODE ET DISPOSITIF POUR ACCROITRE LE RENDEMENT D'UN AMPLIFICATEUR**
[72] Alberth, William P., Jr., US
[72] Janssen, John J., US
[72] Klomdsdorf, Armin, US
[73] MOTOROLA, INC., US
[22] 1995-10-17
[30] US (08/332,968) 1994-11-01

[11] **2,161,570**
[13] C

[51] **Int.Cl. 6A1B63/24**
[25] EN
[54] **GAUGE WHEEL MOUNTING**
[54] **MONTAGE DE ROUE DE JAUGE**
[72] Lowe, Terry Lee, US
[72] Noonan, James Thomas, US
[73] Deere & Company, US
[22] 1995-10-27
[30] US (08/423,620) 1995-04-17

[11] **2,161,591**
[13] C

[51] **Int.Cl. 6B25B15/00**
[25] EN
[54] **FINGER RELEASE MECHANISM FOR COLLATED STRIP SCREWDRIVER**
[54] **MECANISME DE DEGAGEMENT POUR TOURNEVIS A ALIMENTATION EN BANDE**
[72] Habermehl, G. Lyle, US
[72] Scherer, Paul Townsend, US
[73] Habermehl, G. Lyle, US
[22] 1995-10-27
[30] US (08/331,729) 1994-10-31

[11] **2,161,720**
[13] C

[51] **Int.Cl. 6F25C3/04**
[25] EN
[54] **SNOW GUN FOR MAKING ARTIFICIAL SNOW**
[54] **CANON A NEIGE**
[72] McKinney, Vernon Lorne, CA
[73] McKinney, Vernon Lorne, CA
[22] 1995-10-30

[11] **2,163,851**
[13] C

[51] **Int.Cl. 6G8B3/10**
[25] EN
[54] **CHIME ALARM APPARATUS**
[54] **ALARME A CARILLON**
[72] Rent, Michael P., CA
[73] Rent, Michael P., CA
[22] 1995-11-27
[30] US (08/350,103) 1994-11-29

[11] **2,164,682**
[13] C

[51] **Int.Cl. 6G5D7/00 6C2F1/00**
[25] EN
[54] **FLOW CONTROL FOR EVENING OUT WASTE WATER INFLOW IN SOIL-BASED INSTALLATIONS FOR WASTE WATER PURIFICATION**
[54] **REGULATEUR SERVANT A EQUILIBRER LE DEBIT D'ADMISSION D'EAUX USEES DANS UNE INSTALLATION SOUTERRAINE D'EPURATION**
[72] Kickuth, Reinhold, DE
[73] Kickuth, Reinhold, DE
[22] 1995-12-07
[30] GB (95 00320.8) 1995-01-07

**Brevets canadiens délivrés
20 avril, 1999**

[11] **2,164,771**
[13] C

[51] **Int.Cl. 6F16K5/00 6A61M39/10 6A61M39/22**
[25] EN
[54] **APPARATUS FOR CONTROLLING A FLUID FLOW**
[54] **APPAREIL DE COMMANDE DU DEBIT D'UN FLUIDE**
[72] Herrmann, Josef, DE
[72] Heilmann, Klaus, DE
[72] Jessen, Claus, DE
[72] Zimmermann, Michael, DE
[72] Schwegmann, Christian, DE
[72] Schmidt, Helmut, DE
[73] FRESENIUS AG, DE
[22] 1995-12-08
[30] DE (P 44 43 714.5-12) 1994-12-09

[11] **2,164,779**
[13] C

[51] **Int.Cl. 6B21B38/00 6B21B31/00**
[25] EN
[54] **UNITARY ASSEMBLY OF PERIPHERAL DEVICES FOR USE WITH A STECKEL MILL**
[54] **ENSEMBLE UNITAIRE D'APPAREILS PERIPHERIQUES UTILISE AVEC UN LAMINOIR STECKEL**
[72] Smith, Olan R., CA
[72] Suchan, Michael James, CA
[73] IPSCO INC., CA
[22] 1995-12-08

[11] **2,165,391**
[13] C

[51] **Int.Cl. 6E4B5/43 6E4B5/02**
[25] EN
[54] **ELASTIC FLOORING ELEMENTS**
[54] **REKETEMENT DE SOL REALISE PAR IMBRICATION D'ELEMENTS SOUPLES**
[72] K ng, Peter, CH
[73] SPORTF RDERUNG PETER K NG AG, CH
[22] 1995-12-15
[30] CH (03 824/94-8) 1994-12-19

[11] **2,165,400**
[13] C

[51] **Int.Cl. 6G6F15/18**
[25] EN
[54] **METHOD OF PREDICTING RESIDUAL CHLORINE IN WATER SUPPLY SYSTEMS**
[54] **METHODE POUR PREVOIR LA QUANTITE DE CHLORE RESIDUEL DANS DES SYSTEMES D'APPROVISIONNEMENT EN EAU**
[72] S rodes, Jean, CA
[72] Rodriguez, Manuel, CA
[73] UNIVERSIT  LAVAL, CA
[22] 1995-12-15

[11] **2,165,704**
[13] C

[51] **Int.Cl. 6H4M1/65 6H4M1/57**
[25] EN
[54] **TELEPHONE MESSAGE CENTER**
[54] **CENTRE DE MESSAGES TELEPHONIQUES**
[72] Ensor, Myra L., US
[72] Grewe, Anthony James, US
[72] Singer, Howard M., US
[73] AT&T Corp., US
[22] 1995-12-20
[30] US (366,946) 1994-12-29

[11] **2,165,806**
[13] C

[51] **Int.Cl. 6C7H19/01 6A61K31/70 6C7H23/00**
[25] EN
[54] **ANTIPARASITIC AGENTS**
[54] **AGENTS ANTIPARASITIQUES**
[72] Banks, Bernard Joseph, GB
[73] PFIZER INC., US
[85] 1995-12-20
[86] 1994-07-08 (PCT/EP94/02297)
[87] (WO95/03317)
[30] GB (9315108.2) 1993-07-21

[11] **2,166,732**
[13] C

[51] **Int.Cl. 6B5C17/01**
[25] EN
[54] **DRIPLESS DRIVE MECHANISM FOR CAULK DISPENSING DEVICE**
[54] **MECANISME D'AVANCE ANTIGOUTTE POUR DISTRIBUTEUR DE PRODUIT DE CALFEUTRAGE**
[72] Chang, Peter J. Y., US
[73] Chang, Peter J. Y., US
[22] 1995-12-19

[11] **2,167,231**
[13] C

[51] **Int.Cl. 6F16H47/04**
[25] EN
[54] **HYDROSTATIC-MECHANICAL TORQUE DIVISION TRANSMISSION**
[54] **TRANSMISSION HYDROSTATIQUE-MECANIQUE A COUPLEUR DIFFERENTIEL**
[72] Otten, Uli, DE
[73] Deere & Company, US
[73] ZF Friedrichshafen AG, DE
[22] 1996-01-15
[30] DE (195 06 062.8) 1995-02-22

[11] **2,167,389**
[13] C

[51] **Int.Cl. 6C6D5/06 6B60R21/26**
[25] EN
[54] **THERMITE COMPOSITIONS FOR USE AS GAS GENERANTS**
[54] **COMPOSITIONS ALUMINOTHERMIQUES UTILISEES COMME GENERATRICES DE GAZ**
[72] Hinshaw, Jerald C., US
[72] Blau, Reed J., US
[73] Thiokol Corporation, US
[85] 1996-01-16
[86] 1994-07-14 (PCT/US94/08098)
[87] (WO95/04610)
[30] US (08/103,768) 1993-08-10

[11] **2,168,777**
[13] C

[51] **Int.Cl. 6B65H39/14 6A61F13/56 6B65H37/04**
[25] EN
[54] **APPARATUS FOR ATTACHING ELASTIC AT AN ANGLE**
[54] **APPAREIL SERVANT A ATTACHER UN ELASTIQUE EN LUI DONNANT UN ANGLE**
[72] Van Der Klugt, Walter Pieter Hendrik Laurentius, US
[73] PROCTER & GAMBLE COMPANY (THE), US
[85] 1996-02-02
[86] 1994-07-27 (PCT/US94/08659)
[87] (WO95/04695)
[30] US (08/104,300) 1993-08-09

**Canadian Patents Issued
April 20, 1999**

[11] 2,169,102
[13] C

[51] Int.Cl. 6H4M15/16 6H4Q7/24
[25] EN
[54] **CALLING PARTY PAID SERVICE USING PERSONAL TELEPHONE NUMBER**
[54] **SERVICE FACTURE A L'APPEL-ANT AU MOYEN DE SON NUMERO DE TELEPHONE PERSONNEL**
[72] Burns, Elaine Golda, US
[72] Davenport, Esther Lee, US
[72] Sze, Elaine L., US
[72] Seip, Barry Shawn, US
[72] Manseur, Belkacem, US
[72] Munson, Gary A., US
[73] AT&T Corp., US
[22] 1996-02-08
[30] US (414,555) 1995-03-31

[11] 2,171,031
[13] C

[51] Int.Cl. 6F16L3/22
[25] EN
[54] **TUBE CLAMP FOR BUNDLING A SET OF TUBES FOR SHIPMENT AND FOR MOUNTING THEM TO A LOADER BOOM**
[54] **SERRE-TUBE POUR METTRE DES TUBES EN FAISCEAU ET LES RENDRE APTES AU TRANSPORT ET AU LEVAGE**
[72] Kaczmarczyk, Edward Ted, CA
[72] Fuzzen, Daniel Robert, CA
[72] Aucoin, Paul Gerrard, CA
[72] Norris, Lyle Vernon, CA
[73] Deere & Company, US
[22] 1996-03-05
[30] US (08/427,924) 1995-04-26

[11] 2,172,148
[13] C

[51] Int.Cl. 6C11D1/66 6C11D1/75
[25] EN
[54] **NON-TOXIC BIODEGRADABLE EMULSION COMPOSITIONS FOR USE IN AUTOMATIC CAR WASHES**
[54] **COMPOSITIONS D'EMULSIONS BIODEGRADABLES NON TOXIQUES DESTINEES AUX INSTALLATIONS DE LAVAGE AUTOMATIQUE DE VOITURES**
[72] Swenson, Robert A., US
[72] Welch, William E., US
[73] TOMAH PRODUCTS, INC., US
[85] 1996-03-19
[86] 1994-03-18 (PCT/US94/02883)
[87] (WO95/09223)
[30] US (08/128,610) 1993-09-29

[11] 2,172,536
[13] C

[51] Int.Cl. 6F16K1/52 6F16K1/54
[25] EN
[54] **POPPET VALVE HAVING EXTERNAL ADJUSTMENT FOR A FLOW RESTRICTOR**
[54] **SOUPAPE A CHAMPIGNON A LIMITEUR DE DEBIT REGLABLE EXTERIEUREMENT**
[72] Soltys, Gregory B., US
[72] Parkin, Gregory A., US
[73] Copes-Vulcan, Inc., US
[85] 1996-03-22
[86] 1994-10-06 (PCT/US94/11283)
[87] (WO95/10722)
[30] US (08/134,412) 1993-10-08

[11] 2,172,654
[13] C

[51] Int.Cl. 6B41F13/193
[25] EN
[54] **POSITIONING DEVICE FOR A RUBBER-BLANKET CYLINDER**
[54] **DISPOSITIF DE POSITIONNEMENT POUR CYLINDRE PORTE-BLANCHET DE CAOUTCHOUC**
[72] Mayer, Martin, DE
[72] Thünker, Norbert, DE
[72] Weber, Werner, DE
[73] HEIDELBERGER DRUCKMASCHIN-EN AG, DE
[22] 1996-03-26
[30] DE (195 15 692.7) 1995-04-28

[11] 2,174,393
[13] C

[51] Int.Cl. 6H2G3/08
[25] EN
[54] **SNAP-TOGETHER WALL PLATES FOR GANGED ELECTRICAL DEVICE INSTALLATIONS**
[54] **APPLIQUES MORALES A EMBOIEMENT POUR INSTALLATIONS ELECTRIQUES JUMEEES**
[72] Huff, Bob E., US
[73] Pass & Seymour, Inc., US
[22] 1996-04-17
[30] US (591,286) 1996-01-25

[11] 2,176,610
[13] C

[51] Int.Cl. 6B23C3/00
[25] EN
[54] **LASER MACHINING OF GLASS-CERAMIC MATERIALS**
[54] **USINAGE LASER DE MATERIAUX EN VITROCERAMIQUE**
[72] Engin, Doruk, US
[72] Kirby, Kevin W., US
[72] Jankiewicz, Tony, US
[72] Barber, Joseph W., US
[73] HUGHES MISSILE SYSTEMS COMPANY, US
[22] 1996-05-14
[30] US (08/487,366) 1995-06-07

[11] 2,178,762
[13] C

[51] Int.Cl. 6F27B14/14
[25] EN
[54] **ELECTRICALLY HEATED METAL MELT CELL**
[54] **FOUR A FUSION ELECTRIQUE**
[72] Le Gras, Brian W., CA
[73] Musket System Design and Control Inc., CA
[22] 1995-06-06
[62] 2,151,076

[11] 2,178,763
[13] C

[51] Int.Cl. 6F27D13/00 6F27B14/16
[25] EN
[54] **INGOT PREHEATER AND TRANSFER FOR MAGNESIUM MELT SYSTEM**
[54] **ENCEINTE DE RECHAUFFAGE DE LINGOTS ET TUBE DE TRANSFERT DE METAL EN FUSION POUR INSTALLATION DE FUSION ET DE COULEE D'ALUMINIUM**
[72] Le Gras, Brian W., CA
[73] Musket System Design and Control Inc., CA
[22] 1995-06-06
[62] 2,151,076

**Brevets canadiens délivrés
20 avril, 1999**

[11] 2,179,934
[13] C

[51] Int.Cl. 6F42B1/032
[25] EN
[54] **TUNGSTEN ENHANCED LINER FOR A SHAPED CHARGE**
[54] **RETVETEMENT AMELIORE AU TUNGSTENE POUR CHARGE FORMEE**
[72] Reese, James W., US
[72] Slagle, Terry L., US
[73] Western Atlas International, Inc., US
[22] 1996-06-26
[30] US (08/497,259) 1995-06-30

[11] 2,181,543
[13] C

[51] Int.Cl. 6C6D5/06 6B60R21/26
[25] EN
[54] **METAL COMPLEXES FOR USE AS GAS GENERANTS**
[54] **COMPLEXES DE METAUX DESTINES A ETRE UTILISES COMME GENERATEURS DE GAZ**
[72] Doll, Daniel W., US
[72] Hinshaw, Jerald C., US
[72] Blau, Reed J., US
[72] Lund, Gary K., US
[73] Thiokol Corporation, US
[85] 1996-07-18
[86] 1995-01-04 (PCT/US95/00029)
[87] (WO95/19944)
[30] US (08/184,456) 1994-01-19

[11] 2,182,756
[13] C

[51] Int.Cl. 6C7C47/277 6C7C45/75
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 2-(ALKOXYMETHYL)ACROLEIN**
[54] **METHODE DE PREPARATION DE 2-(ALKOXYMETHYL)ACROLEINE**
[72] Höpp, Mathias, DE
[72] Köhler, Klaus, DE
[72] Arntz, Dietrich, DE
[73] Degussa Aktiengesellschaft, DE
[22] 1996-08-06
[30] DE (195 29 125.5) 1995-08-08

[11] 2,183,365
[13] C

[51] Int.Cl. 6B65D19/32
[25] EN
[54] **TWIN-SHEET THERMOFORMED PALLET WITH HIGH STIFFNESS DECK**
[54] **PALETTE A DOUBLE FEUILLE THERMOFORMEE A COEFFICIENT ELEVE DE RIGIDITE**
[72] Giannini, Dennis A., US
[72] Brown, Henry F., US
[73] TriEnda Corporation, US
[22] 1996-08-14
[30] US (08/515,288) 1995-08-15

[11] 2,183,942
[13] C

[51] Int.Cl. 6H1Q3/16
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING ANTENNA AND TRACKING ANTENNA SYSTEM USING THE SAME**
[54] **METHODE ET DISPOSITIF D'ORIENTATION D'ANTENNE ET ANTENNE DOTE DE CE DISPOSITIF**
[72] Fukushima, Tomoaki, JP
[72] Isota, Yoji, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 1996-08-22
[30] JP (Hei 7-224032) 1995-08-31

[11] 2,184,285
[13] C

[51] Int.Cl. 6F17C9/02
[25] EN
[54] **A METHOD OF DRAINING A TANK AND A PLANT FOR USE IN SUCH DRAINING**
[54] **PROCEDE DE VIDANGE D'UN RESERVOIR ET INSTALLATION A CET EFFET**
[72] Brendeng, Einar, NO
[72] Norberg, Bård, NO
[72] Jonas, Jørn M., NO
[73] Norberg, Bård, NO
[73] Jonas, Jørn M., NO
[85] 1996-08-27
[86] 1994-12-30 (PCT/NO94/00215)
[87] (WO96/21121)

[11] 2,184,701
[13] C

[51] Int.Cl. 6B8B3/14 6B8B3/08
[25] EN
[54] **GENERAL PARTS WASHER**
[54] **APPAREIL DE LAVAGE DES PIECES PRINCIPALES D'UNE MACHINE**
[72] Mansur, Pierre G., US
[73] MANSUR INDUSTRIES INC., US
[85] 1996-09-03
[86] 1994-08-30 (PCT/US94/09754)
[87] (WO95/23657)
[30] US (08/207,136) 1994-03-04

[11] 2,186,098
[13] C

[51] Int.Cl. 6B27L1/02
[25] EN
[54] **MULTI-DRUM BARKING MACHINE**
[54] **ECORCEUSE A CYLINDRES MULTIPLES**
[72] Gagné, Éric, CA
[73] COPEAUX DE LA VALLÉE, CA
[22] 1996-09-20

[11] 2,186,807
[13] C

[51] Int.Cl. 6H1Q9/16 6H4B1/00
[25] EN
[54] **SURFACE MOUNTING AND COMMUNICATION APPARATUS USING THE SAME ANTENNA**
[54] **ANTENNE MONTÉE EN SURFACE ET APPAREIL DE COMMUNICATION UTILISANT CETTE ANTENNE**
[72] Kawahata, Kazunari, JP
[72] Okada, Ken, JP
[73] MURATA MANUFACTURING CO., LTD., JP
[22] 1996-09-30
[30] JP (7-251039) 1995-09-28

[11] 2,188,102
[13] C

[51] Int.Cl. 6F16L55/165 6E3F3/06
[25] EN
[54] **PIPE REHABILITATION SYSTEM AND METHODS**
[54] **SYSTEME ET METHODES DE REMISE EN ETAT DE TUYAUX**
[72] Boyer, Mark L., US
[73] BOYER, INC., US
[22] 1996-10-17
[30] US (08/547,472) 1995-10-24

**Canadian Patents Issued
April 20, 1999**

[11] **2,188,798**

[13] C

[51] Int.Cl. 6C7D209/16 6A61K31/40

[25] EN

[54] **TRYPTAMINE DERIVATIVES AS 5-HT-1D RECEPTOR LIGANDS**

[54] **DERIVES DE LA TRYPTAMINE UTILISES COMME LIGANDS DES RE-CEPTEURS A LA SEROTONINE DU TYPE 1D**

[72] Glennon, Richard A., US

[73] Virginia Commonwealth University, US

[73] Allelix Biopharmaceuticals Inc., US

[85] 1996-10-24

[86] 1995-05-04 (PCT/CA95/00269)

[87] (WO95/30655)

[30] US (08/238,823) 1994-05-06

[11] **2,190,748**

[13] C

[51] Int.Cl. 6F2B23/10 6F2F3/26 6F2B31/00

[25] EN

[54] **IN-CYLINDER INJECTION INTERNAL COMBUSTION ENGINE**

[54] **MOTEUR A COMBUSTION INTERNE DU TYPE A INJECTION DANS LE CYLINDRE**

[72] Goto, Kenji, JP

[72] Igarashi, Kyoya, JP

[72] Yoshikawa, Satoshi, JP

[72] Kawabe, Takashi, JP

[72] Ueda, Katsunori, JP

[72] Murakami, Nobuaki, JP

[72] Ando, Hiromitsu, JP

[72] Oda, Hideyuki, JP

[73] Mitsubishi Jidosha Kogyo Kabushiki Kaisha, JP

[85] 1996-11-19

[86] 1996-03-27 (PCT/JP96/00803)

[87] (WO96/30633)

[30] JP (HEI 7-069815) 1995-03-28

[30] JP (HEI 7-233129) 1995-09-11

[30] JP (HEI 7-117555) 1995-05-16

[11] **2,192,602**

[13] C

[51] Int.Cl. 6A61K33/00

[25] EN

[54] **INDUCTION OF CELL DIFFERENTIATION, APOPTOSIS AND NECROSIS OF MALIGNANT CELLS SUCH AS LEUKEMIA USING OZONE AND SYNERGIES WITH KNOWN CELL DIFFERENTIATION DRUGS**

[54] **INDUCTION DE LA DIFFERENCIATION CELLULAIRE; APOPTOSE ET NECROSE DE CELLULES MALIGNES, COMME DANS LA LEUCEMIE, A L'AIDE D'OZONE ET DE SYNERGIES PAR DES MEDICAMENTS INDUISANT LA DIFFERENCIATION CELLULAIRE**

[72] Ichim, Thomas E., CA

[73] Ichim, Thomas E., CA

[22] 1996-12-11

[11] **2,204,192**

[13] C

[51] Int.Cl. 6E3D1/14 6E3D3/12

[25] FR

[54] **ECONOMISATEUR D'EAU**

[54] **WATER SAVING DEVICE FOR TOILET CISTERNS**

[72] TREMBLAY, Gaston, CA

[73] TREMBLAY, Gaston, CA

[22] 1997-05-01

[30] GB (9614126.2) 1996-05-07

[11] **2,214,895**

[13] C

[51] Int.Cl. 6A61K31/21 6A61K9/20 6A61K9/48

[25] EN

[54] **IMPROVED PHARMACEUTICAL COMPOSITION COMPRISING FENOFIBRATE**

[54] **COMPOSITION PHARMACEUTIQUE AMELIOREE COMPRENANT DU FENOFIBRATE**

[72] SHERMAN, Bernard Charles, CA

[73] SHERMAN, Bernard Charles, CA

[22] 1997-09-19

Canadian Laid-Open Applications

March 7, 1999 - March 13, 1999

Demandes canadiennes mises à la disponibilité du public

7 mars, 1999 - 13 mars, 1999

[21] 2,209,893
[13] A1
[51] Int.Cl. 6C7K14/315 6A1N63/02
6A61K38/16
[25] EN
[54] LANTIBIOTIC FROM STREPTOCOCCUS MUTANS, METHOD OF PRODUCTION AND USE THEREOF
[54] LANTIBIOTIQUE PROVENANT DE STREPTOCOCCUS MUTANS, METHODE DE PRODUCTION ET UTILISATION
[72] LACROIX, Christophe, CA
[72] MOTA-MEIRA, Marilaine, CA
[72] LAPOINTE, Gisèle, CA
[72] LAVOIE, Marc, CA
[71] UNIVERSITÉ LAVAL, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,211,984
[13] A1
[51] Int.Cl. 6E4C2/26 6B28B23/18
[25] EN
[54] CEMENTITIOUS PANEL WITH REINFORCED EDGES
[54] PANNEAU A BASE DE CIMENT A REBORDS RENFORCES
[72] MATHIEU, Marc-André, CA
[71] MATHIEU, Marc-André, CA
[22] 1997-09-12
[43] 1999-03-12

[21] 2,212,247
[13] A1
[51] Int.Cl. 6G2B6/38 6G1M11/02 6G2B6/26
[25] EN
[54] POSITIONING SYSTEM FOR CONTROLLING OPTICAL ALIGNMENT OF OPTICAL WAVEGUIDES
[54] SYSTEME DE POSITIONNEMENT POUR CONTROLER L'ALIGNEMENT OPTIQUE DE GUIDES D'ONDES OPTIQUES
[72] HARMAN, Murray R., CA
[71] HARMAN, Murray R., CA
[22] 1997-09-09
[43] 1999-03-09

[21] 2,212,250
[13] A1
[51] Int.Cl. 6B23K20/12
[25] EN
[54] FRICTION ASSISTED DIFFUSION BONDING
[54] SOUDAGE PAR DIFFUSION ASSISTEE PAR FROTTEMENT
[72] LI, Hang, SG
[71] LI, Hang, SG
[22] 1997-09-09
[43] 1999-03-09

[21] 2,212,252
[13] A1
[51] Int.Cl. 6B3B5/28
[25] EN
[54] AUTOMATED SOLID AND LIQUID WASTE SEPARATION BY GRAVITY SOLVENT
[54] SYSTEME AUTOMATISE DE TRI DES DECHETS SOLIDES/LIQUIDES FONCTIONNANT PAR GRAVITE ET UTILISANT UN BASSIN DE SOLVANT
[72] SWIST, Jason, CA
[71] SWIST, Jason, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,260
[13] A1
[51] Int.Cl. 6B60S13/00
[25] EN
[54] SNOWMOBILE LIFT AND CARRIER
[54] ENGINSERVANT A SOULEVER ET A TRANSPORTER UNE MOTONEIGE
[72] HOPLEY, Edward, CA
[71] HOPLEY, Edward, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,262
[13] A1
[51] Int.Cl. 6A47J43/28
[25] EN
[54] QUICK SKEWER
[54] BROCHETTE RAPIDE
[72] CHUN, Michael Kai-Wah, CA
[71] CHUN, Michael Kai-Wah, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,263
[13] A1
[51] Int.Cl. 6A47K10/36 6A47K10/38
[25] EN
[54] TISSUE ROLL DISPENSER
[54] DISTRIBUTEUR DE PAPIER HYGIENIQUE EN ROULEAU
[72] LEBRUN, Camil, CA
[71] LEBRUN, Camil, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,270
[13] A1
[51] Int.Cl. 6A47G25/30
[25] EN
[54] SOCKMATE
[54] ACCESSOIRE D'APPARIEMENT DE CHAUSSETTES
[72] BADGE, Brian Allan, CA
[71] BADGE, Brian Allan, CA
[22] 1997-09-09
[43] 1999-03-09

[21] 2,212,329
[13] A1
[51] Int.Cl. 6B26B3/03
[25] EN
[54] BREAD SLICING APPARATUS
[54] APPAREIL POUR TRANCHER LE PAIN
[72] KIELLAND, Peter Johann, CA
[71] KIELLAND, Peter Johann, CA
[22] 1997-09-11
[43] 1999-03-11

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] 2,212,335
[13] A1

[51] Int.Cl. 6B66F11/04
[25] EN
[54] **ROTATING PERSONNEL PLATFORM SUPPORT**
[54] **DISPOSITIF ARTICULE DE FIXATION DE NACELLE DE TRAVAIL**
[72] BRANDT, Bernd A., CA
[71] BRANDT, Bernd A., CA
[22] 1997-09-11
[43] 1999-03-11

[21] 2,212,338
[13] A1

[51] Int.Cl. 6G9B19/22
[25] EN
[54] **TALK**
[54] **PARLONS**
[72] TARKINGTON, Paul, CA
[71] TARKINGTON, Paul, CA
[22] 1997-09-12
[43] 1999-03-12

[21] 2,212,340
[13] A1

[51] Int.Cl. 6E4F21/16
[25] EN
[54] **CAULKING TOOL**
[54] **TRUELLE**
[72] TAVERNIER, Frank, CA
[71] TAVERNIER, Frank, CA
[22] 1997-09-12
[43] 1999-03-12

[21] 2,212,344
[13] A1

[51] Int.Cl. 6E4C3/02
[25] EN
[54] **FLEXIBLE RUNNER**
[54] **PROFILE EN U FLEXIBLE**
[72] PARADIS, Yvon, CA
[71] PARADIS, Yvon, CA
[22] 1997-09-12
[43] 1999-03-12

[21] 2,212,387
[13] A1

[51] Int.Cl. 6B63B21/62 6B63B35/00
[25] FR
[54] **UN TRAIN AQUATIQUE**
[54] **WATER TRAIN**
[72] CARIGNAN, Jean, CA
[71] CARIGNAN, Jean, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,390
[13] A1

[51] Int.Cl. 6E4F15/02 6E4B1/62 6E4B5/00
[25] FR
[54] **SOUS-RETELEMENT DE PLANCHER ET MURS, ISOLANT ET INSONORISANT**
[54] **SUBFLOOR OR WALL SHEATING, PROVIDING THERMAL AND ACOUSTIC INSULATION**
[72] LAVOIE, Raynald, CA
[72] LAVOIE, Gaëtan, CA
[72] LAVOIE, Michel, CA
[72] LAVOIE, Serge, CA
[71] LAVOIE, Raynald, CA
[71] LAVOIE, Gaëtan, CA
[71] LAVOIE, Michel, CA
[71] LAVOIE, Serge, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,212,393
[13] A1

[51] Int.Cl. 6B65D55/00 6B65D23/00
[25] FR
[54] **LE BOUCHON CAPSULE**
[54] **CAP STOPPER**
[72] GOUIN, Julien, CA
[71] GOUIN, Julien, CA
[22] 1997-09-11
[43] 1999-03-11

[21] 2,213,437
[13] A1

[51] Int.Cl. 6A61L15/46
[25] FR
[54] **SAPA**
[54] **ANTIPERSPIRANT PAD FOR ARMPITS**
[72] BOILY, Alain, CA
[71] BOILY, Alain, CA
[22] 1997-09-09
[43] 1999-03-09

[21] 2,213,885
[13] A1

[51] Int.Cl. 6A45F5/10 6B65G7/12
[25] EN
[54] **CARRYING AND HANDLING TOOL FOR CONSTRUCTION BOARDS**
[54] **OUTIL SERVANT A TRANSPORTER ET A MANUTENTIONNER DES PANNEAUX DE CONSTRUCTION**
[72] LAPIERRE, Clément, CA
[71] LAPIERRE, Clément, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,214,734
[13] A1

[51] Int.Cl. 6E6B1/26 6E6B1/70
[25] EN
[54] **COMPOSITE DOOR FRAMES**
[54] **BATI DE PORTE COMPOSITE**
[72] DE ZEN, Vic, CA
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA
[22] 1997-09-08
[43] 1999-03-08

[21] 2,214,812
[13] A1

[51] Int.Cl. 6C12N5/00 6C12M3/04
[25] EN
[54] **HYDROGEL THIN FILM CONTAINING EXTRACELLULAR MATRIX COMPONENTS**
[54] **MINCE PELLICULE D'HYDROGEL RENFERMANT DES CONSTITUANTS MATRICIELS EXTRACELLULAIRES**
[72] YOSHIZATO, Katsutoshi, JP
[72] TAKEZAWA, Toshiaki, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[22] 1997-09-08
[43] 1999-03-08

[21] 2,214,860
[13] A1

[51] Int.Cl. 6H13/516
[25] EN
[54] **A THIN-TYPE PLUG**
[54] **FICHE DE FAIBLE EPAISSEUR**
[72] TSANG, Lan-Jen, TW
[71] TSANG, Lan-Jen, TW
[22] 1997-09-08
[43] 1999-03-08

[21] 2,214,862
[13] A1

[51] Int.Cl. 6B62K21/06
[25] EN
[54] **A STEERING HEAD SET OF BICYCLE**
[54] **GUIDON DE BICYCLETTE**
[72] LIN, Ming-Chang, TW
[72] LIN, Jin-Chen, TW
[71] LIN, Ming-Chang, TW
[71] LIN, Jin-Chen, TW
[22] 1997-09-08
[43] 1999-03-08

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,214,867**
 [13] A1
 [51] Int.Cl. 6A1F12/32 6A1D41/12
 [25] EN
 [54] REMOTE ADJUSTMENT OF A
 SIEVE OF A COMBINE HARVESTER
 [54] REGLAGE A DISTANCE DU TAMIS
 D'UNE MOISSONNEUSE-BATTEUSE
 [72] HOFER, John, CA
 [71] PEMBINA COLONY LTD., CA
 [22] 1997-09-08
 [43] 1999-03-08

[21] **2,214,875**
 [13] A1
 [51] Int.Cl. 6B27B5/29
 [25] EN
 [54] SAW COMPRISING A CIRCULAR
 PLATE WITH INTEGRAL PERIPH-
 ERAL TOOTH HOLDERS
 [54] SCIE COMPRENANT UN PLA-
 TEAU CIRCULAIRE AVEC PORTE-
 DENTS PERIPHERIQUES INTEGRES
 [72] TREMBLAY, Réjean, CA
 [71] TREMBLAY, Réjean, CA
 [22] 1997-09-08
 [43] 1999-03-08

[21] **2,214,905**
 [13] A1
 [51] Int.Cl. 6B24D15/08
 [25] EN
 [54] UNIVERSAL GUARD FOR KNIFE
 SHARPENING STEELS
 [54] GARDE UNIVERSEL POUR LES
 LIMES RONDES SERVANT A AFFUTER
 LES COUTEAUX
 [72] CARON, Fernand, CA
 [71] R.B.H. Equipement, CA
 [22] 1997-09-08
 [43] 1999-03-08

[21] **2,214,910**
 [13] A1
 [51] Int.Cl. 6B62D63/08 6B62D33/04
 [25] EN
 [54] LIGHT WEIGHT TRAILER WALLS
 WITH SMOOTH SURFACES
 [54] PAROIS LEGERES DE RE-
 MORQUE, PRESENTANT DES SUR-
 FACES LISSES
 [72] WILKENS, Arthur L., US
 [71] WILKENS, Arthur L., US
 [22] 1997-09-08
 [43] 1999-03-08

[21] **2,214,923**
 [13] A1
 [51] Int.Cl. 6A61J3/07
 [25] EN
 [54] PROCESS FOR ENCAPSULATION
 OF CAPLETS IN A CAPSULE AND
 SOLID DOSAGE FORMS OBTAINABLE
 BY SUCH PROCESS
 [54] PROCEDE POUR ENCAPSULER
 DES COMPRIMES DANS UNE CAP-
 SULE; FORME POSOLOGIQUE
 SOLIDE OBTENUE GRACE A CE PRO-
 CEDE
 [72] AMEY, James, US
 [72] MAES, Paul, BE
 [72] CADE, Dominique, FR
 [72] SCOTT, Robert, BE
 [71] Warner-Lambert Company, US
 [22] 1997-09-09
 [43] 1999-03-09

[21] **2,214,950**
 [13] A1
 [51] Int.Cl. 6G1F15/00 6G1F15/04
 [25] EN
 [54] ELECTRONIC GAS METER
 [54] COMPTEUR DE GAZ ELECTRON-
 IQUE
 [72] GRZESLO, I. John, CA
 [72] ARTIUCH, Roman L., CA
 [71] ROMET LIMITED, CA
 [22] 1997-09-09
 [43] 1999-03-09

[21] **2,214,953**
 [13] A1
 [51] Int.Cl. 6A47B19/00
 [25] EN
 [54] PORTABLE STAND
 [54] SUPPORT PORTATIF
 [72] COOPER, Martin Freeman, CA
 [71] COOPER, Martin Freeman, CA
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,044**
 [13] A1
 [51] Int.Cl. 6F16L15/08
 [25] EN
 [54] THREADED PIPE CONNECTION
 [54] RACCORD POUR TUYAUX FI-
 LETES
 [72] MALLIS, David L., US
 [71] HYDRIL COMPANY, US
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,045**
 [13] A1
 [51] Int.Cl. 6F25B43/02 6C7C17/383
 [25] EN
 [54] REFRIGERANT RECLAMATION
 SYSTEM
 [54] SYSTEME POUR LE RECYCLAGE
 DE FLUIDES FRIGORIGENE
 [72] THOMAS, James V., CA
 [72] ROSS, Kenneth Garfield, CA
 [71] THOMAS, James V., CA
 [71] ROSS, Kenneth Garfield, CA
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,070**
 [13] A1
 [51] Int.Cl. 6B61F1/08 6B21D7/00
 [25] EN
 [54] STUB CENTER SILL FOR A RAIL-
 ROAD CAR
 [54] LONGERON CENTRAL A TALON
 POUR WAGON FERROVIAIRE
 [72] VALGORA, G. Gerald, CA
 [72] BIANCHI, Tamo P., CA
 [71] SAMUEL MANU-TECH INC., CA
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,075**
 [13] A1
 [51] Int.Cl. 6H4B7/216 6H4Q7/22
 [25] EN
 [54] SYSTEM FOR PROVIDING
 STREAM BASED AND PACKET BASED
 SERVICES
 [54] SYSTEME SERVANT A FOURNIR
 DES SERVICES A BASE DE CHAINES
 ET DE PAQUETS DE DONNEES
 [72] GUO, Ning, CA
 [72] STRAWCZYNSKI, Leo, CA
 [71] NORTHERN TELECOM LIMITED,
 CA
 [22] 1997-09-09
 [43] 1999-03-09

[21] **2,215,079**
 [13] A1
 [51] Int.Cl. 6H4Q7/28
 [25] EN
 [54] WIRELESS LOOP SYSTEM WITH
 ENHANCED ACCESS
 [54] SYSTEME EN BOUCLE SANS FIL A
 ACCES AMELIORE
 [72] BEASLEY, Andrew S., CA
 [71] BEASLEY, Andrew S., CA
 [22] 1997-09-09
 [43] 1999-03-09

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,215,630**
[13] A1

[51] **Int.Cl. 6E5B37/00 6E5B65/00**
[25] EN
[54] **SECURITY LOCK INTERFACE**
[54] **INTERFACE POUR SERRURE DE SECURITE**
[72] FOXTON, Paul D., CA
[71] FOXTON, Paul D., CA
[22] 1997-09-09
[43] 1999-03-09

[21] **2,215,097**
[13] A1

[51] **Int.Cl. 6A61B5/00**
[25] EN
[54] **ALGOMETER WITH PRESSURE INTENSIFICATION RATE ADJUSTING AND CONTROL CAPABILITIES**
[54] **ALGOMETRE A FONCTIONS D'AJUSTEMENT ET DE COMMANDE DU TAUX D'AUGMENTATION DE LA PRESSION**
[72] LAVIGNE, Gilles, CA
[72] TENBOKUM, Léo, CA
[71] UNIVERSITÉ DE MONTRÉAL, CA
[22] 1997-09-08
[43] 1999-03-08

[21] **2,215,098**
[13] A1

[51] **Int.Cl. 6B63H1/26**
[25] EN
[54] **INBOARD PROPELLER**
[54] **HELICE EN-BORD**
[72] LIN, Yeun-Junn, TW
[71] LIN, Yeun-Junn, TW
[22] 1997-09-10
[43] 1999-03-10

[21] **2,215,100**
[13] A1

[51] **Int.Cl. 6B63H1/14**
[25] EN
[54] **STATOR OF PROPELLING SYSTEM OF SMALL POWERBOAT**
[54] **STATOR POUR SYSTEME DE PROPULSION DE PETITE EMBARCATION**
[72] LIN, Yuen-Junn, TW
[71] LIN, Yuen-Junn, TW
[22] 1997-09-10
[43] 1999-03-10

[21] **2,215,112**
[13] A1

[51] **Int.Cl. 6A61J9/00**
[25] EN
[54] **BABY BOTTLE**
[54] **BIBERON**
[72] L'HIRONDELLE, Stacy Arnold, CA
[71] L'HIRONDELLE, Stacy Arnold, CA
[22] 1997-09-11
[43] 1999-03-11

[21] **2,215,119**
[13] A1

[51] **Int.Cl. 6E1C19/48**
[25] EN
[54] **ROAD SURFACE REPAIR ATTACHMENT FOR DUMP-TRUCK**
[54] **ACCESSOIRE DE RELAXATION DE REVETEMENT ROUTIER POUR CAMION-BENNE**
[72] BERGMAN, Douglas Jerome, CA
[71] BERGMAN, Douglas Jerome, CA
[22] 1997-09-10
[43] 1999-03-10

[21] **2,215,172**
[13] A1

[51] **Int.Cl. 6F28F9/22**
[25] EN
[54] **BAFFLE INSERT FOR HEAT EXCHANGERS**
[54] **CHICANES RAPPORTEES POUR ECHANGEURS THERMIQUES**
[72] BROOKS, Sean Terence, CA
[71] Long Manufacturing Ltd., CA
[22] 1997-09-11
[43] 1999-03-11

[21] **2,215,173**
[13] A1

[51] **Int.Cl. 6F28F9/007**
[25] EN
[54] **STEPPED DIMPLED MOUNTING BRACKETS FOR HEAT EXCHANGERS**
[54] **DISPOSITIF D'ASSEMBLAGE A EXTREMITES DEPORTEES ET SAILLIES D'ECARTEMENT POUR ECHANGEURS THERMIQUES**
[72] SEILER, Thomas F., CA
[72] STEFANOIU, Dan Constantin, CA
[72] ANTHONY, Brian Alwyn, CA
[72] ZURAWEL, Peter, CA
[71] Long Manufacturing Ltd., CA
[22] 1997-09-11
[43] 1999-03-11

[21] **2,215,226**
[13] A1

[51] **Int.Cl. 6G9G3/00 6G9G3/36**
[25] EN
[54] **SYSTEM AND METHOD FOR DRIVING A NEMATIC LIQUID CRYSTAL**
[54] **SYSTEME ET METHODE CONCUS POUR DIRIGER UN CRISTAL LIQUIDE NEMATIQUE**
[72] OKITA, Masaya, JP
[71] Bright Lab. Co., Ltd., JP
[22] 1997-09-12
[43] 1999-03-12

[21] **2,215,230**
[13] A1

[51] **Int.Cl. 6F26B17/14 6F26B21/02**
[25] EN
[54] **GRAIN DRYER**
[54] **SECHOIR A CEREALES**
[72] DAUGELA, Mark George, CA
[72] DAUGELA, Darcy John, CA
[71] DAUGELA, Mark George, CA
[71] DAUGELA, Darcy John, CA
[22] 1997-09-12
[43] 1999-03-12

[21] **2,215,231**
[13] A1

[51] **Int.Cl. 6E4H17/14**
[25] EN
[54] **DRIVE THROUGH GATE**
[54] **BARRIERE BASCULANTE**
[72] KNUDTSON, Hans, CA
[71] KNUDTSON, Hans, CA
[22] 1997-09-12
[43] 1999-03-12

[21] **2,215,242**
[13] A1

[51] **Int.Cl. 6F16K31/06**
[25] EN
[54] **AN ACTUATOR USING MAGNETIC FORCES TO REDUCE FRICTIONAL FORCES**
[54] **DISPOSITIF DE COMMANDE FAISANT INTERVENIR DES FORCES MAGNETIQUES POUR REDUIRE LE FROTTEMENT**
[72] LENG, David Yan, CA
[72] BUSTAMANTE, Eleasar Felipe, CA
[72] HOSKIN, Catherine, CA
[72] ADAMS, Phillip G., CA
[71] CTS CORPORATION, US
[22] 1997-09-11
[43] 1999-03-11

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,215,250**
 [13] A1
 [51] Int.Cl. 6H1R19/32 6H1R13/426
 [25] EN
 [54] ELECTRICAL RECEPTACLE
 WITH RELEASABLE LOCKING MECHANISM
 [54] PRISE DE COURANT A MECANISME DE VERROUILLAGE
 [72] FORRESTER, David, CA
 [71] FORRESTER, David, CA
 [22] 1997-09-11
 [43] 1999-03-11

[21] **2,215,270**
 [13] A1
 [51] Int.Cl. 6H4N1/41
 [25] EN
 [54] FILE FORMAT FOR AN IMAGE INCLUDING MULTIPLE VERSIONS OF AN IMAGE, AND RELATED SYSTEM AND METHOD
 [54] FORMAT D'ARCHIVAGE D'IMAGES A VERSIONS MULTIPLES ET SYSTEME ET METHODE D'ARCHIVAGE CONNEXES
 [72] POPA, Sorin, CA
 [71] Warp 10 Technologies Inc., CA
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,290**
 [13] A1
 [51] Int.Cl. 6E4H15/32 6E2D5/80
 [25] EN
 [54] TENT OR ROPE ANCHOR
 [54] DISPOSITIF D'ANCRAGE POUR TENTES OU POUR CABLES
 [72] CELLI, Giuliano, CA
 [71] CELLI, Giuliano, CA
 [22] 1997-09-11
 [43] 1999-03-11

[21] **2,215,349**
 [13] A1
 [51] Int.Cl. 6C12P19/34 6C7H21/00 6C12Q1/68 6A6IK31/70 6C12Q1/70
 [25] EN
 [54] METHOD OF DETECTING GENE EXPRESSION AND/OR OF PREVENTING SUCH EXPRESSION IN CELLS
 [54] METHODE DE DETECTION DE L'EXPRESSION GENIQUE ET/OU DE PREVENTION D'UNE TELLE EXPRESSION DANS DES CELLULES
 [72] SCHLOSS, Eric, CA
 [72] VINAYAGAMOORTHY, Thuraiayah, CA
 [71] SCHLOSS, Eric, CA
 [71] VINAYAGAMOORTHY, Thuraiayah, CA
 [22] 1997-09-12
 [43] 1999-03-12

[21] **2,215,369**
 [13] A1
 [51] Int.Cl. 6G1T1/02 6H1L31/119
 [25] EN
 [54] METHOD OF MONITORING RADIATION USING A FLOATING GATE FIELD EFFECT TRANSISTOR DOSIMETER, AND DOSIMETER FOR USE THEREIN
 [54] METHODE DE SURVEILLANCE DES RAYONNEMENTS EN UTILISANT UN DOSIMETRE A TRANSISTOR A EFFET DE CHAMP A GRILLE ISOLEE, ET DOSIMETRE UTILISE
 [72] THOMSON, Ian, CA
 [72] TARR, Nicholas Garry, CA
 [71] THOMSON, Ian, CA
 [71] TARR, Nicholas Garry, CA
 [22] 1997-09-12
 [43] 1999-03-12

[21] **2,215,429**
 [13] A1
 [51] Int.Cl. 6B23K37/053
 [25] EN
 [54] ALIGNMENT DEVICE FOR USE IN WELDING
 [54] DISPOSITIF D'ALIGNEMENT SERVANT AU SOUDAGE
 [72] DAVIO, John Leon Thomas Joseph, CA
 [71] DAVIO, John Leon Thomas Joseph, CA
 [22] 1997-09-12
 [43] 1999-03-12

[21] **2,215,568**
 [13] A1
 [51] Int.Cl. 6B65D55/08 6B65D47/20
 [25] FR
 [54] BOUCHON DU TYPE TIRER-POUSSER A INVOLABILITE RENFORCEE
 [54] PUSH-PULL CAP WITH REINFORCED TAMPER PROTECTION
 [72] PRADINAS, Claude, FR
 [71] NOVEMBAL, FR
 [22] 1997-09-10
 [43] 1999-03-10

[21] **2,215,672**
 [13] A1
 [51] Int.Cl. 6B1D71/02
 [25] EN
 [54] COATED MEMBRANES
 [54] MEMBRANES AVEC REVETEMENT
 [72] MAZANEC, Terry J., US
 [72] CABLE, Thomas L., US
 [71] The Standard Oil Company, US
 [22] 1997-09-12
 [43] 1999-03-12

[21] **2,215,673**
 [13] A1
 [51] Int.Cl. 6F23D11/40 6F23C7/00 6F23D11/38
 [25] EN
 [54] BURNER HEAD FOR LIQUID FUELS
 [54] TETE DE BRULEUR DE COMBUSTIBLE LIQUIDE
 [72] SKOOG, Kurt, SE
 [71] SKOOG, Kurt, SE
 [22] 1997-09-12
 [43] 1999-03-12

[21] **2,215,688**
 [13] A1
 [51] Int.Cl. 6B60N2/26 6B60N2/44
 [25] EN
 [54] BOOSTER BENCH
 [54] BANQUETTE D'APPOINT
 [72] HOFFMAN, Tina, CA
 [71] HOFFMAN, Tina, CA
 [22] 1997-09-12
 [43] 1999-03-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,215,858**
[13] A1
[51] **Int.Cl. 6E1C11/22 6E1F9/053**
[25] EN
[54] **CURBING SYSTEM**
[54] **SYSTEME DE BORDURE**
[72] SLESSOR, E.M.(Ted), CA
[72] ROSS, Alan M., CA
[71] EASY CURB SYSTEMS INC., CA
[22] 1997-09-10
[43] 1999-03-10

[21] **2,215,861**
[13] A1
[51] **Int.Cl. 6H1L35/16 6F25B21/02**
[25] EN
[54] **THERMOELECTRIC ALLOY AND METHOD OF MANUFACTURING THE SAME**
[54] **ALLIAGE THERMOELECTRIQUE ET METHODE DE FABRICATION**
[72] ROSI, Fred D., US
[72] ETTENBERG, Martin H., US
[72] JESSER, William A., US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[22] 1997-09-19
[43] 1999-03-12
[30] US (08/928,508) 1997-09-12

[21] **2,215,867**
[13] A1
[51] **Int.Cl. 6G9G3/36**
[25] EN
[54] **SYSTEM AND METHOD FOR DRIVING A NEMATIC LIQUID CRYSTAL**
[54] **SYSTEME ET METHODE CONCUS POUR DIRIGER UN CRISTAL LIQUIDE NEMATIQUE**
[72] OKITA, Masaya, JP
[71] Bright Lab. Co., Ltd., JP
[22] 1997-09-12
[43] 1999-03-12

[21] **2,215,873**
[13] A1
[51] **Int.Cl. 6B65D25/22 6B65D1/36**
[25] EN
[54] **IMPROVEMENTS IN PACKAGES FOR A FOOD TRAY**
[54] **EMBALLAGE AMELIORE POUR BARQUETTES CONTENANT DES PRODUITS ALIMENTAIRES**
[72] BARTOSEK, Paul, CA
[71] J.M. Schneider Inc., CA
[22] 1997-09-10
[43] 1999-03-10

[21] **2,218,625**
[13] A1
[51] **Int.Cl. 6A61K35/14 6A61K41/00**
[25] EN
[54] **STRESS TREATMENT AND PRE-CONDITIONING AGAINST STRESS**
[54] **TRAITEMENT DU STRESS ET CONDITIONNEMENT AU PREALABLE ANTI-STRESS**
[72] HAMET, Pavel, CA
[72] TREMBLAY, Johanne, CA
[71] HAMET, Pavel, CA
[71] TREMBLAY, Johanne, CA
[22] 1997-10-20
[43] 1999-03-12
[30] US (60/058,867) 1997-09-12

[21] **2,225,213**
[13] A1
[51] **Int.Cl. 6B65D5/32 6B65D85/34 6B65D5/36**
[25] EN
[54] **THREE-PIECE CONTAINER**
[54] **RECIPIENT TROIS PIECES**
[72] GOETZ, Mike, US
[72] BAIRD, William J., US
[71] INLAND PAPERBOARD AND PACKAGING, INC., US
[22] 1997-12-18
[43] 1999-03-10
[30] US (60/058,339) 1997-09-10
[30] US (08/964,936) 1997-11-05

[21] **2,226,055**
[13] A1
[51] **Int.Cl. 6G1N33/98 6G1N37/00**
[25] EN
[54] **A PROCEDURE FOR CALIBRATING A BREATHALYSER**
[54] **METHODE D'ETALONNAGE D'UN IVRESSOMETRE**
[72] STOCK, Burkhard, DE
[71] Dräger Sicherheitstechnik GmbH, DE
[22] 1997-12-31
[43] 1999-03-13
[30] DE (197 40 342.5-52) 1997-09-13

[21] **2,227,815**
[13] A1
[51] **Int.Cl. 6H4N5/232 6G1N21/88 6G1N33/12 6H4N7/18**
[25] EN
[54] **APPARATUS AND METHOD FOR AUTOMATED VISUAL INSPECTION OF OBJECTS**
[54] **APPAREIL ET METHODE D'INSPECTION VISUELLE AUTOMATISEE D'OBJETS**
[72] HEARN, Paul, CA
[72] REIMER, Ernest M., CA
[72] HERMANTO, Ivi, CA
[71] CANPOLAR EAST INC., CA
[22] 1998-01-23
[43] 1999-03-11
[30] US (08/927,332) 1997-09-11

[21] **2,229,703**
[13] A1
[51] **Int.Cl. 6A47K10/42**
[25] EN
[54] **TOWEL DISPENSER ADAPTER**
[54] **ADAPTEUR POUR DISTRIBUTEUR DE SERVIETTES EN PAPIER**
[72] GETTELMAN, Alan, US
[72] MERRIWEATHER, Frank, Jr., US
[71] Bobrick Washroom Equipment, Inc., US
[22] 1998-02-18
[43] 1999-03-10
[30] US (927,056) 1997-09-10

[21] **2,229,982**
[13] A1
[51] **Int.Cl. 6B65D43/10 6A47K5/12**
[25] EN
[54] **LID FOR A CONTAINER**
[54] **COUVERCLE POUR UN RECIPIENT**
[72] MERRIWEATHER, Frank Jr., US
[72] CONWAY, William J., US
[71] Bobrick Washroom Equipment, Inc., US
[22] 1998-02-18
[43] 1999-03-10
[30] US (926,658) 1997-09-10

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,230,355**
 [13] A1
 [51] Int.Cl. 6A43B11/00 6A43C1/00
 6A43C11/00
 [25] EN
 [54] TANDEM CLOSURE SYSTEM FOR SHOES
 [54] SYSTEME DE FERMETURE EN TANDEM POUR CHAUSSURES
 [72] ALAIMO, Gregory A., US
 [71] ACOR ORTHOPAEDIC INC., US
 [22] 1998-02-24
 [43] 1999-03-10
 [30] US (08/929,241) 1997-09-10

[21] **2,231,411**
 [13] A1
 [51] Int.Cl. 6B65D1/02 6B65D47/08
 [25] EN
 [54] DISPENSING CONTAINER
 [54] CONTENANT DE DISTRIBUTION
 [72] DALLAS, Milton R., Jr., US
 [72] CARLSON, Jesse P., US
 [72] SAUNDERS, Craig M., US
 [72] MOHARY, Stephen J., US
 [71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
 [22] 1998-03-06
 [43] 1999-03-09
 [30] US (60/058,296) 1997-09-09
 [30] US (09/099,010) 1998-01-21

[21] **2,231,413**
 [13] A1
 [51] Int.Cl. 6B65D47/08 6B29C49/04
 [25] EN
 [54] CLOSURE
 [54] FERMETURE
 [72] DALLAS, Milton R., US
 [72] MOHARY, Stephen J., US
 [72] SAUNDERS, Craig M., US
 [72] CARLSON, Jesse P., US
 [71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
 [22] 1998-03-06
 [43] 1999-03-09
 [30] US (60/058,296) 1997-09-09
 [30] US (09/014,440) 1998-01-21

[21] **2,231,485**
 [13] A1
 [51] Int.Cl. 6B65D1/26 6B65D1/40
 [25] EN
 [54] BEND-RESISTANT FOIL CONTAINER
 [54] CONTENANT EN FEUILLE METALLIQUE RESISTANT A LA FLEXION
 [72] SAGAN, Michael J. A., US
 [72] HAYES, Thomas J., US
 [72] CHATTERTON, Chadd R., US
 [71] Tenneco Packaging Inc., US
 [22] 1998-03-06
 [43] 1999-03-08
 [30] US (08/925,559) 1997-09-08

[21] **2,231,962**
 [13] A1
 [51] Int.Cl. 6G7D7/00
 [25] EN
 [54] DEVICE AND METHOD FOR IDENTIFYING BANK NOTE
 [54] DISPOSITIF ET METHODE POUR IDENTIFIER UN BILLET DE BANQUE
 [72] IWAKI, Kunihide, JP
 [71] YOKOHAMA DENSHI KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-03-11
 [43] 1999-03-10
 [30] JP (9-245683) 1997-09-10

[21] **2,233,112**
 [13] A1
 [51] Int.Cl. 6B60R7/04 6B60N3/08 6B60N3/10
 [25] EN
 [54] MULTI-PURPOSE AUTOMOTIVE CONSOLE DEVICE
 [54] DISPOSITIF DE CONSOLE A USAGES MULTIPLES POUR AUTOMOBILE
 [72] MONTAG, Sean D., US
 [72] KOLOSKI, Peter A., US
 [72] DROBECK, Gregory R., US
 [72] DEBORD, Jeffrey T., US
 [72] COVELL, Douglas G., US
 [71] LANCASTER COLONY CORPORATION, US
 [22] 1998-03-25
 [43] 1999-03-10
 [30] US (08/927,711) 1997-09-10

[21] **2,233,188**
 [13] A1
 [51] Int.Cl. 6E4B7/00 6E4D3/32 6E4B2/52
 [25] EN
 [54] STRUCTURAL MEMBERS
 [54] ELEMENTS STRUCTURAUX
 [72] RICHARDSON, Christopher, GB
 [71] ULTRAFRAME (UK) LIMITED, GB
 [22] 1998-03-25
 [43] 1999-03-09
 [30] GB (9719612.5) 1997-09-09

[21] **2,233,243**
 [13] A1
 [51] Int.Cl. 6B61G3/14
 [25] EN
 [54] ROLLER EQUIPPED UNCOUPLING CAM
 [54] CAME DE DESACCOUPEMENT EQUIPEE D'UN GALET
 [72] GRAU, Curtiss A., US
 [72] RUMSEY, Steven C., US
 [71] WESTINGHOUSE AIR BRAKE COMPANY, US
 [22] 1998-03-26
 [43] 1999-03-10
 [30] US (926,635) 1997-09-10

[21] **2,234,248**
 [13] A1
 [51] Int.Cl. 6E5B65/08
 [25] EN
 [54] LOCKING MECHANISM FOR SLIDING GLASS DOORS
 [54] MECANISME DE VERROUILLAGE POUR PORTES COULISSANTES EN VERRE
 [72] MALSOM, Harlan, US
 [71] Pella Corporation, US
 [22] 1998-04-06
 [43] 1999-03-11
 [30] US (08/927,617) 1997-09-11

Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999

[21] **2,235,106**
 [13] A1

[51] **Int.Cl. 6H2K1/12 6H2K3/00 6H2K15/04 6H2K7/10**
 [25] EN
 [54] **METHOD FOR WINDING A FIELD ASSEMBLY FOR A UNIVERSAL MOTOR AND APPARATUS PRODUCED THEREBY**
 [54] **METHODE POUR BOBINER UN ENSEMBLE INDUCTEUR POUR UN MOTEUR UNIVERSEL ET APPAREIL PRODUIT D'APRES LA METHODE**
 [72] MOWERY, John, US
 [72] METZGER, James I., Jr., US
 [71] EMERSON ELECTRIC CO., US
 [22] 1998-05-12
 [43] 1999-03-10
 [30] US (08/927,060) 1997-09-10

[21] **2,235,439**
 [13] A1

[51] **Int.Cl. 6D6P5/20 6D6B3/10**
 [25] EN
 [54] **LOW TEMPERATURE, LOW BATH RATIO, TENSIONLESS AND SHORT-TERM DYEING METHOD USING MICROWAVES, AND ITS DEVICE**
 [54] **METHODE DE TEINTURE A BASSE TEMPERATURE, A FAIBLE RAPPORT DE BAIN, SANS TENSION ET DE COURTE DUREE A L'AIDE DE MICRO-ONDES, ET SON DISPOSITIF**
 [72] HONG, Seok Min, KR
 [71] DONGBO TEXTILE, KR
 [22] 1998-04-21
 [43] 1999-03-10
 [30] KR (46590/1997) 1997-09-10

[21] **2,237,024**
 [13] A1

[51] **Int.Cl. 6A61C15/04 6B65D85/02**
 [25] EN
 [54] **ACTIVE DENTAL FLOSS CONTAINER**
 [54] **CONTENANT DE SOIE DENTAIRE POLYVALENT**
 [72] FLANAGAN, D. Lloyd, CA
 [71] FLANAGAN, D. Lloyd, CA
 [22] 1998-06-12
 [43] 1999-03-12

[21] **2,237,269**
 [13] A1

[51] **Int.Cl. 6G1N33/558 6G1N33/53 6G1N33/543**
 [25] EN
 [54] **FORMULATION FOR REDUCING UREA EFFECT FOR IMMUNOCHROMATOGRAPHY ASSAYS USING URINE SAMPLES**
 [54] **FORMULATION POUR REDUIRE L'EFFET DE L'UREE DANS DES ANALYSES PAR IMMUNOCHROMATOGRAPHIE SUR DES ECHANTILLONS D'URINE**
 [72] YIP, Meitak Teresa, US
 [72] RHEINHEIMER, Gary W., US
 [71] BAYER CORPORATION, US
 [22] 1998-05-11
 [43] 1999-03-09
 [30] US (08/925,998) 1997-09-09

[21] **2,237,525**
 [13] A1

[51] **Int.Cl. 6E4C3/09**
 [25] EN
 [54] **SPANNING MEMBER WITH CONVOLUTED WEB AND C-SHAPED FLANGES**
 [54] **ELEMENT DE PORTEE AVEC AME CONTOURNEE ET AILES EN FORME DE C**
 [72] MCCracken, Robert G., US
 [71] EFCO, CORP., US
 [22] 1998-06-11
 [43] 1999-03-08
 [30] US (08/926,776) 1997-09-08

[21] **2,238,109**
 [13] A1

[51] **Int.Cl. 6A61F2/06 6A61M25/10**
 [25] EN
 [54] **STENT DEPLOYMENT DEVICE WITH TWO BALLOONS**
 [54] **DISPOSITIF DE DEPLOIEMENT D'UN TUTEUR COMPRENANT DEUX BALLONNETS**
 [72] BURGMEIER, Robert E., US
 [72] GOODIN, Richard L., US
 [71] SCHNEIDER (USA) INC., US
 [22] 1998-05-20
 [43] 1999-03-11
 [30] US (08/927,347) 1997-09-11

[21] **2,238,686**
 [13] A1

[51] **Int.Cl. 6E5C9/02 6E5C1/06**
 [25] EN
 [54] **WINDOW LOCKING SYSTEM**
 [54] **SYSTEME DE VERROUILLAGE DE FENETRE**
 [72] MARTZ, William M., US
 [72] ROTE, Scott J., US
 [72] SMITH, Michael D., US
 [72] KUERSTEN, William R., US
 [71] NEWELL OPERATING COMPANY, US
 [22] 1998-05-27
 [43] 1999-03-12
 [30] US (08/928,348) 1997-09-12

[21] **2,238,731**
 [13] A1

[51] **Int.Cl. 6E5D7/04 6E5D15/30**
 [25] EN
 [54] **ADJUSTABLE CASEMENT WINDOW HINGE**
 [54] **CHARNIERE DE FENETRE A BAT-TANTS AJUSTABLE**
 [72] RUSTON, David John, US
 [72] LISIECKI, Elizabeth Rebecca, US
 [71] NEWELL OPERATING COMPANY, US
 [22] 1998-05-27
 [43] 1999-03-12
 [30] US (08/928,961) 1997-09-12

[21] **2,239,276**
 [13] A1

[51] **Int.Cl. 6G2B6/136 6G2B5/26**
 [25] EN
 [54] **OPTICAL FIBER GRATING AND MANUFACTURING METHOD THEREFOR**
 [54] **RESEAU DE FIBRES OPTIQUES ET METHODE DE FABRICATION CONNEXE**
 [72] WADA, Akira, JP
 [72] YAMAUCHI, Ryozo, JP
 [72] NISHIDE, Kenji, JP
 [72] SHIMA, Kensuke, JP
 [72] TANAKA, Nobuyuki, JP
 [72] YAMASAKI, Shigefumi, JP
 [72] SAKAI, Tetsuya, JP
 [71] FUJIKURA LTD., JP
 [22] 1998-06-01
 [43] 1999-03-11
 [30] JP (9-247292) 1997-09-11

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,239,751**
 [13] A1

[51] Int.Cl. 6B65H31/08
 [25] EN
 [54] PRINTER HIGH CAPACITY OUTPUT STACKER DOCUMENTS REMOVAL SYSTEM
 [54] SYSTEME D'ENLEVEMENT A GRANDE CAPACITE DE DOCUMENTS IMPRIMES EMPILES
 [72] RIECK, Kenneth J., US
 [71] XEROX CORPORATION, US
 [22] 1998-06-05
 [43] 1999-03-08
 [30] US (08/925,250) 1997-09-08

[21] **2,240,229**
 [13] A1

[51] Int.Cl. 6B60K41/22 6F16H63/46 6F16D48/06
 [25] EN
 [54] ELECTRIC-POWER-ASSIST-TYPE TRANSMISSION AND ITS CONTROL METHOD
 [54] EMBRAYAGE ASSISTE POUR SERVO-TRANSMISSION DE TYPE ELECTRIQUE ET DISPOSITIF DE COMMANDE
 [72] SUZUKI, Osamu, JP
 [72] OTA, Atsuo, JP
 [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-06-10
 [43] 1999-03-13
 [30] JP (HEI-9-268193) 1997-09-13

[21] **2,240,245**
 [13] A1

[51] Int.Cl. 6B60K41/22 6F16H63/46 6F16D48/06
 [25] EN
 [54] SHIFT CONTROL UNIT OF ELECTRIC-POWER ASSIST-TYPE TRANSMISSION
 [54] DISPOSITIF DE COMMANDE D'EMBAYAGE ASSISTE POUR SERVO-TRANSMISSION DE TYPE ELECTRIQUE
 [72] OTA, Atsuo, JP
 [72] NARITA, Satoru, JP
 [72] MASUDA, Tatsuo, JP
 [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-06-10
 [43] 1999-03-13
 [30] JP (HEI-9-268195) 1997-09-13

[21] **2,241,061**
 [13] A1

[51] Int.Cl. 6B23K13/01
 [25] EN
 [54] WELDING
 [54] SOUDAGE
 [72] McNAIR, John Duncan, HK
 [71] CHIAPHUA INDUSTRIES LIMITED, HK
 [22] 1998-06-18
 [43] 1999-03-09
 [30] GB (9719159.7) 1997-09-09

[21] **2,241,162**
 [13] A1

[51] Int.Cl. 6A1B59/042 6A1D34/86
 [25] EN
 [54] OFFSET HITCH FOR USE IN TOWING AN IMPLEMENT
 [54] ATTELAGE DECENTRE CONCU POUR TIRER UN INSTRUMENT
 [72] PEAREN, Donald C., CA
 [72] PEAREN, Lloyd S., CA
 [71] PEAREN, Donald C., CA
 [71] PEAREN, Lloyd S., CA
 [22] 1998-06-19
 [43] 1999-03-12

[21] **2,242,149**
 [13] A1

[51] Int.Cl. 6B43L19/00
 [25] EN
 [54] CLUTCH MECHANISM OF COAT FILM TRANSFER TOOL AND COAT FILM TRANSFER TOOL
 [54] MECANISME D'EMBAYAGE D'INSTRUMENT DE TRANSFERT DE PELLICULE ENDUITE ET INSTRUMENT DE TRANSFERT DE PELLICULE ENDUITE
 [72] KOYAMA, Kouhei, JP
 [72] TAMAI, Shigeru, JP
 [71] SEED RUBBER COMPANY LIMITED, JP
 [22] 1998-06-29
 [43] 1999-03-12
 [30] JP (9-267968) 1997-09-12

[21] **2,242,476**
 [13] A1

[51] Int.Cl. 6A61K38/13 6A61K47/44 6A61K9/08 6A61K9/48
 [25] EN
 [54] NOVEL COMPOSITIONS CONTAINING CYCLOSPORIN
 [54] NOUVELLES COMPOSITIONS A BASE DE CYCLOSPORINE
 [72] SINGH, Amarjit, IN
 [72] JAIN, Rajesh, IN
 [71] PANACEA BIOTEC LIMITED, IN
 [22] 1998-07-08
 [43] 1999-03-08
 [30] IN (2532/DEL 97) 1997-09-08

[21] **2,242,510**
 [13] A1

[51] Int.Cl. 6H4B3/23
 [25] EN
 [54] COUPLED ACOUSTIC ECHO CANCELLATION SYSTEM
 [54] SYSTEME DE SUPPRESSION D'ECHO ACOUSTIQUE AVEC COUPLAGE
 [72] ROE, Thomas O., US
 [72] FINN, Brian M., US
 [71] DIGISONIX, INC., US
 [22] 1998-08-20
 [43] 1999-03-11
 [30] US (08/927,874) 1997-09-11

[21] **2,242,543**
 [13] A1

[51] Int.Cl. 6E5F11/38 6E5D15/24
 [25] EN
 [54] METHOD AND APPARATUS FOR ATTACHING WINDOW HARDWARE
 [54] METHODE ET APPAREIL DE MISE EN PLACE DE MATERIEL DE FENETRE
 [72] CURLISS, Neil S., CA
 [72] BOHANNAN, David A., US
 [71] PPG INDUSTRIES, INC., US
 [22] 1998-08-21
 [43] 1999-03-12
 [30] US (08/928,784) 1997-09-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,242,780**
[13] A1

[51] Int.Cl. 6F27D11/02 6F27B9/24
[25] EN
[54] FURNACE FOR HEATING GLASS SHEETS
[54] FOUR UTILISE POUR CHAUFFER DES FEUILLES DE VERRE
[72] KELLY, Joseph B., US
[71] PPG INDUSTRIES, INC., US
[22] 1998-08-27
[43] 1999-03-12
[30] US (08/928,785) 1997-09-12

[21] **2,242,806**
[13] A1

[51] Int.Cl. 6G9F19/20 6G9F13/04
[25] EN
[54] DISPLAY SYSTEM
[54] DISPOSITIF D'AFFICHAGE
[72] HELSTERN, Robert Patrick, US
[71] EATON CORPORATION, US
[22] 1998-08-27
[43] 1999-03-11
[30] US (927,951) 1997-09-11

[21] **2,242,821**
[13] A1

[51] Int.Cl. 6F21V23/04 6B60Q3/02
[25] EN
[54] LIGHT FIXTURE WITH ACTUATOR-RETAINED SWITCH
[54] APPAREIL D'ECLAIRAGE MUNI D'UN INTERRUPTEUR DONT LE LEVIER EST LIE A UN DISPOSITIF DE COMMANDE ~ GLISSEMENT
[72] AUSTIN, Barry G., US
[71] TEKONSHA ENGINEERING COMPANY, US
[22] 1998-08-27
[43] 1999-03-12
[30] US (08/928,265) 1997-09-12

[21] **2,242,883**
[13] A1

[51] Int.Cl. 6B65D21/032
[25] EN
[54] A STACKABLE BOTTLE CASE
[54] CAISSE A BOUTEILLES EMPILABLE
[72] UMIKER, Hans, CH
[71] SCHOELLER PLAST SA, CH
[22] 1998-07-09
[43] 1999-03-09
[30] DE (197 39 484.1) 1997-09-09

[21] **2,242,890**
[13] A1

[51] Int.Cl. 6B22F9/24 6C22B23/00
[25] EN
[54] METHOD FOR PREPARING NICKEL FINE POWDER
[54] METHODE DE PREPARATION DE FINE POUDRE DE NICKEL
[72] TOSHIMA, Yoshiharu, JP
[72] HAYASHI, Takao, JP
[72] ARAKI, Takayuki, JP
[72] SHIMAMURA, Hiroyuki, JP
[71] MITSUI MINING AND SMELTING CO., LTD., JP
[22] 1998-07-09
[43] 1999-03-11
[30] JP (9-247125) 1997-09-11

[21] **2,242,940**
[13] A1

[51] Int.Cl. 6A61J1/06
[25] EN
[54] COLLECTION CONTAINER ASSEMBLY
[54] ENSEMBLE RECIPIENT DE PRELEVEMENT
[72] KELLY, Karin E., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-07-13
[43] 1999-03-12
[30] US (08/928,249) 1997-09-12

[21] **2,243,110**
[13] A1

[51] Int.Cl. 6H5B6/36 6C21D9/60 6C21D1/10
[25] EN
[54] STRIP HEATING COIL APPARATUS WITH SERIES POWER SUPPLIES
[54] DISPOSITIF A BOBINE DE CHAUFFAGE POUR PRODUIT EN BANDE UTILISANT DES SOURCES D'ALIMENTATION EN SERIE
[72] LOVENS, Jean, BE
[72] LOVELESS, Don L., US
[71] INDUCTOTHERM CORP., US
[22] 1998-08-31
[43] 1999-03-11
[30] US (08/928,774) 1997-09-11

[21] **2,243,383**
[13] A1

[51] Int.Cl. 6G2F1/133
[25] EN
[54] METHOD FOR DRIVING A NEMATIC LIQUID CRYSTAL
[54] METHODE D'ENTRAINEMENT D'UN CRISTAL LIQUIDE NEMATIQUE
[72] OKITA, Masaya, JP
[71] BRIGHT LAB. CO., LTD., JP
[22] 1998-07-20
[43] 1999-03-12
[30] JP (9-267819) 1997-09-12

[21] **2,243,656**
[13] A1

[51] Int.Cl. 6C12N15/31 6C7K14/315 6G1N33/53 6G11B23/00 6G1N33/569 6G6F19/00 6C12Q1/68 6A61K48/00 6A61K31/70 6A61K39/09 6C7K16/12 6A61K38/16
[25] EN
[54] RESPONSE REGULATOR
[54] REGULATEURS DE REPONSE
[72] WALLIS, Nicola Gail, US
[72] INGRAHAM, Karen A., US
[72] GE, Yigong, US
[72] HOLMES, David John, US
[72] ZALACAIN, Magdalena, US
[72] THROUP, John, US
[72] BISWAS, Sanjoy, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[22] 1998-09-08
[43] 1999-03-09
[30] US (60/060,714) 1997-09-09

[21] **2,243,670**
[13] A1

[51] Int.Cl. 6C12N15/54 6G1N33/569 6G1N33/573 6A61K48/00 6C12Q1/68 6A61K39/09 6C12N9/12 6A61K31/70 6C7K16/40 6A61K38/45 6C12Q1/48
[25] EN
[54] NOVEL HISTIDINE KINASE
[54] NOUVELLE HISTIDINE-KINASE
[72] WALLIS, Nicola Gail, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[22] 1998-09-09
[43] 1999-03-10
[30] US (08/927,216) 1997-09-10

Demandes canadiennes mises à la disponibilité du public

7 mars, 1999 - 13 mars, 1999

[21] **2,243,811**
[13] A1

[51] **Int.Cl. 6B61L29/08**
[25] EN
[54] **RAILROAD CROSSING GATE MECHANISM CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE MECANISME DE BARRIERE DE PAS-SAGE A NIVEAU**
[72] MOE, James E., US
[72] LEVOIR, Donald L., US
[71] SAFETRAN SYSTEMS CORPORATION, US
[22] 1998-07-23
[43] 1999-03-08
[30] US (08/924897) 1997-09-08

[21] **2,243,858**
[13] A1

[51] **Int.Cl. 6G2F2/02 6H4J14/02**
[25] FR
[54] **STRUCTURE INTERFEROMETRIQUE INTEGREE**
[54] **INTEGRATED INTERFEROMETRIC STRUCTURE**
[72] JANZ, Christopher, FR
[72] DAGENS, Béatrice, FR
[71] ALCATEL, FR
[22] 1998-09-04
[43] 1999-03-08
[30] FR (97 11 122) 1997-09-08

[21] **2,243,860**
[13] A1

[51] **Int.Cl. 6A61K7/42 6A61K7/06**
[25] FR
[54] **COMPOSITIONS PHOTOPROTECTRICES COMPRENANT UN BENZYLIDENE CAMPHRE ET/OU UN DIBENZOYLMETHANE ET/OU UNE TRIAZINE ET UN TARTRATE DE DI-ALKYLE ; UTILISATIONS EN COSMETIQUE**
[54] **PHOTOPROTECTIVE COMPOUNDS COMPRISING ONE BENZYLIDENE CAMPHOR AND/OR ONE DIBENZOYLMETHANE AND/OR ONE TRIAZINE AND ONE DIALKYLTRATE; USED IN COSMETICS.**
[72] HANSENNE, Isabelle, FR
[72] JOSSO, Martin, FR
[72] REFREGIER, Jean-Louis, FR
[71] L'ORÉAL, FR
[22] 1998-09-08
[43] 1999-03-09
[30] FR (97 11 173) 1997-09-09

[21] **2,243,899**
[13] A1

[51] **Int.Cl. 6B1L3/14 6B65D25/04**
[25] EN
[54] **COLLECTION CONTAINER ASSEMBLY**
[54] **ENSEMBLE RECIPIENT DE PRELEVEMENT**
[72] KELLY, Karin E., US
[72] WILLIAMS, Joel L., US
[72] MONAHAN, Larry A., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-07-27
[43] 1999-03-12
[30] US (08/928,273) 1997-09-12

[21] **2,243,985**
[13] A1

[51] **Int.Cl. 6C12N15/54 6C12Q1/68 6C12N9/12 6C12P19/34**
[25] EN
[54] **THERMOSTABLE DNA POLYMERASES INCORPORATING NUCLEOSIDE TRIPHOSPHATES LABELED WITH FLOURESCIEIN FAMILY DYES**
[54] **POLYMERASES DE L'ADN THERMOSTABLES INCORPORANT DES NUCLEOSIDES TRIPHOSPHATES MARQUES AVEC DES COLORANTS DE LA FAMILLE DES FLUORESCIEINES**
[72] KALMAN, Lisa V., US
[72] MYERS, Thomas W., US
[72] GELFAND, David H., US
[72] REICHERT, Fred L., US
[72] SIGUA, Christopher L., US
[71] F.HOFFMANN-LA ROCHE AG, CH
[22] 1998-09-03
[43] 1999-03-11
[30] US (60/058,525) 1997-09-11

[21] **2,244,032**
[13] A1

[51] **Int.Cl. 6B65D90/04**
[25] EN
[54] **TANK UPGRADING METHOD AND TANK ASSEMBLY**
[54] **METHODE POUR AMELIORER ET ASSEMBLER UN RESERVOIR**
[72] BERG, Robin L., Sr., US
[72] CLARK, John M., US
[72] BURWELL, John R., US
[71] XERXES CORPORATION, US
[22] 1998-09-09
[43] 1999-03-10
[30] US (08/927,670) 1997-09-10

[21] **2,244,035**
[13] A1

[51] **Int.Cl. 6E4H17/12 6E4H17/20 6E4H17/24**
[25] EN
[54] **FENCE STRAND RETAINER CLIP FOR FENCE POSTS**
[54] **ATTACHE DE FIL DE CLOTURE POUR POTEAUX DE CLOTURE**
[72] BUELOW, David F., US
[72] LANGLEIE, Ronald H., US
[72] BERG, Jon A., US
[71] NORTH CENTRAL PLASTICS, INC., US
[22] 1998-09-04
[43] 1999-03-08
[30] US (08/925,576) 1997-09-08

[21] **2,244,043**
[13] A1

[51] **Int.Cl. 6F16L1/06 6F16L1/036**
[25] EN
[54] **A METHOD AND APPARATUS FOR INSTALLING A BRANCH CONNECTOR FROM THE TOP OF AN EXCAVATION**
[54] **METHODE ET APPAREIL POUR INSTALLER UN CONNECTEUR DE BRANCHEMENT A PARTIR DU SOMMET D'UNE EXCAVATION**
[72] PFEIFFER, Dominique, FR
[72] LE COINTE, Patrick, FR
[72] WARTEL, Christian, FR
[71] GAZ DE FRANCE, FR
[22] 1998-09-09
[43] 1999-03-10
[30] FR (97 11 224) 1997-09-10

[21] **2,244,061**
[13] A1

[51] **Int.Cl. 6B60N2/44 6B60N2/24 6B60R21/32**
[25] EN
[54] **STATUS-OF-USE DECISION DEVICE FOR A SEAT**
[54] **DISPOSITIF SERVANT A DETERMINER LES CARACTERISTIQUES D'UTILISATION D'UN SIEGE**
[72] KYUMA, Kazuo, JP
[72] OITA, Masaya, JP
[72] OHITA, Jun, JP
[72] HATA, Satoshi, JP
[72] UENAKA, Hiroshi, JP
[72] NAKANO, Jiro, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 1998-09-09
[43] 1999-03-11
[30] JP (HEI 9-246794) 1997-09-11

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,244,062**
[13] A1

[51] Int.Cl. 6A61M39/20 6A61B5/14
6A61J1/14
[25] EN
[54] MEMBRANE CAP FOR BLOOD-SAMPLING TUBE
[54] DISPOSITIF D'OBTURATION A MEMBRANE POUR TUBE DE PRELEVEMENT SANGUIN
[72] SARSTEDT, Walter, DE
[71] SARSTEDT AG & CO., DE
[22] 1998-09-04
[43] 1999-03-09
[30] DE (197 39 369.1) 1997-09-09

[21] **2,244,071**
[13] A1

[51] Int.Cl. 6E4F19/04
[25] EN
[54] MOUNTING/TRIM STRIPS FOR WALL, CEILING, OR FLOOR PANELS
[54] MOULURES DE MONTAGE POUR CLOISONS MURALES, PLAFONDS ET PANNEAUX DE PLANCHER
[72] LINDENBERG, Klaus, DE
[71] W.DÖLLKEN & CO. GMBH, DE
[22] 1998-09-04
[43] 1999-03-09
[30] DE (297 16 146.6) 1997-09-09

[21] **2,244,275**
[13] A1

[51] Int.Cl. 6A61F2/06 6A61L29/00
[25] EN
[54] DILATING CATHETER FOR THE INTRODUCTION OF EXPANDABLE STENTS
[54] CATHETER A BALLONNET POUR L'INTRODUCTION D'EXTENSEURS EXPANSIBLES
[72] VENTURELLI, Andrea, IT
[71] INVATEC S.r.l., IT
[22] 1998-09-10
[43] 1999-03-12
[30] IT (BS97U000097) 1997-09-12

[21] **2,244,277**
[13] A1

[51] Int.Cl. 6G2B6/42
[25] FR
[54] PROCEDE DE FABRICATION D'UN COMPOSANT OPTIQUE INTEGRE COMPRENANT UN GUIDE D'ONDE EPAIS COUPLE A UN GUIDE D'ONDE MINCE
[54] PROCESS FOR MANUFACTURING AN INTEGRATED OPTICAL COMPONENT COMPRISING A THICK WAVE GUIDE COUPLED TO A THIN WAVE GUIDE
[72] LECLERC, Denis, FR
[72] GOLDSTEIN, Léon, FR
[72] DAGENS, Béatrice, FR
[71] ALCATEL, FR
[22] 1998-09-10
[43] 1999-03-11
[30] FR (97 11 298) 1997-09-11

[21] **2,244,279**
[13] A1

[51] Int.Cl. 6H4M3/06
[25] EN
[54] METHOD AND CIRCUIT ARRANGEMENT FOR PRODUCING A RING VOLTAGE FOR ELECTRONIC SUBSCRIBER CIRCUITS
[54] METHODE ET ARRANGEMENT DE CIRCUITS SERVANT A PRODUIRE UNE TENSION DE SONNERIE POUR CIRCUITS ABONNES ELECTRONIQUES
[72] STIAWA, Ralf, DE
[72] MANICKE, Ulrich, DE
[71] ALCATEL, FR
[22] 1998-09-11
[43] 1999-03-12
[30] DE (197 40 137.6) 1997-09-12

[21] **2,244,283**
[13] A1

[51] Int.Cl. 6B30B15/16 6B27N3/24 6B30B5/06
[25] EN
[54] CONTINUOUS PRESS FOR MAKING PARTICLE BOARD
[54] PRESSE POUR LA FABRICATION EN CONTINU DE PANNEAUX DE PARTICULES
[72] SCHÜRMANN, Klaus, DE
[72] WEISS, Horst, DE
[72] SEBASTIAN, Lothar, DE
[71] G. SIEMPELKAMP GMBH & CO., DE
[22] 1998-09-14
[43] 1999-03-13
[30] DE (19740325.5) 1997-09-13
[30] DE (19829741.6) 1998-07-03
[30] DE (19829742.4) 1998-07-03

[21] **2,244,284**
[13] A1

[51] Int.Cl. 6B30B15/16 6B27N3/24 6B30B5/06
[25] EN
[54] CONTINUOUS PRESS AND METHOD OF OPERATING SAME
[54] PRESSE POUR LA FABRICATION EN CONTINU DE PANNEAUX DE PARTICULES ET METHODE UTILISEE A CES FINS
[72] SEBASTIAN, Lothar, DE
[72] SCHÜRMANN, Klaus, DE
[72] WEISS, Horst, DE
[71] G. SIEMPELKAMP GMBH & CO., DE
[22] 1998-09-14
[43] 1999-03-13
[30] DE (19740325.5) 1997-09-13
[30] DE (19829741.6) 1998-07-03
[30] DE (19829742.4) 1998-07-03

[21] **2,244,286**
[13] A1

[51] Int.Cl. 6A61K7/40 6A61K7/48
[25] EN
[54] BODY COSMETIC PIGMENT COMPOSITION AND ITS PRODUCING METHOD
[54] COMPOSITION DE PIGMENT COSMETIQUE POUR LE CORPS ET METHODE DE PRODUCTION
[72] SIM, Ho Chin, KR
[71] DA MIN ENTERPRISE LTD., KR
[22] 1998-09-11
[43] 1999-03-12
[30] KR (97-47853) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,244,287**
 [13] A1
 [51] Int.Cl. 6H4L12/56
 [25] EN
 [54] METHOD FOR TRANSMITTING DATA PACKETS AND NETWORK ELEMENT FOR CARRYING OUT THE METHOD
 [54] METHODE DE TRANSMISSION DE PAQUETS DE DONNEES ET ELEMENT DE RESEAU ASSOCIE
 [72] HEUER, Volkmar, DE
 [71] ALCATEL, FR
 [22] 1998-09-11
 [43] 1999-03-12
 [30] DE (197 40 107.4) 1997-09-12

[21] **2,244,289**
 [13] A1
 [51] Int.Cl. 6H4L12/12 6H4L12/26 6H4L12/56
 [25] EN
 [54] METHOD OF ESTABLISHING LOGICAL CONNECTIONS IN A SYNCHRONOUS DIGITAL COMMUNICATIONS NETWORK, AS WELL AS NETWORK ELEMENTS AND MANAGEMENT SYSTEM
 [54] METHODE D'ETABLISSEMENT DE CONNEXIONS LOGIQUES DANS UN RESEAU DE COMMUNICATION NUMERIQUE ASYNCHRONE, ELEMENTS DE RESEAU ET SYSTEME DE GESTION
 [72] HEUER, Volkmar, DE
 [71] ALCATEL, FR
 [22] 1998-09-11
 [43] 1999-03-12
 [30] DE (197 40 106.6) 1997-09-12

[21] **2,244,409**
 [13] A1
 [51] Int.Cl. 6C9K7/06 6G1V3/18 6G1V3/38
 [25] EN
 [54] ELECTRICAL WELL LOGGING FLUID AND METHOD OF USING SAME
 [54] FLUIDE DE DIAGRAPHIE ELECTRIQUE DE Puits ET METHODE D'UTILISATION
 [72] SCHULZ, Joachim F.A., US
 [72] SCHLEMMER, Robert P., US
 [71] SCHLUMBERGER CANADA LIMITED, CA
 [22] 1998-07-31
 [43] 1999-03-12
 [30] US (8/928,776) 1997-09-12

[21] **2,244,436**
 [13] A1
 [51] Int.Cl. 6A23L3/34 6A23B7/158 6A23B4/16 6A23B4/26
 [25] EN
 [54] PROCESS AND EQUIPMENT FOR SANITIZING AND PACKAGING FOOD USING OZONE
 [54] PROCEDE ET EQUIPEMENT POUR DESINFECTER ET EMBALLER DES ALIMENTS EN UTILISANT DE L'OZONE
 [72] SAUER, Richard, US
 [72] CONNORS, Robert W., US
 [72] YUAN, Tsz-Ching J., US
 [72] BOISROBERT, Christine, US
 [72] BAJCAR, Miles, US
 [72] SCHNEPPER, Carol A., US
 [72] THALER, Michael, US
 [72] HUBERT, John-Luc, US
 [71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET, L'EXPLOITATION DES PROCE, FR
 [71] AIR LIQUIDE AMERICA CORPORATION, US
 [22] 1998-07-30
 [43] 1999-03-08
 [30] US (08/925,274) 1997-09-08

[21] **2,244,482**
 [13] A1
 [51] Int.Cl. 6A45C3/00
 [25] EN
 [54] LIFE ORGANIZER
 [54] OUTIL DE PLANIFICATION D'ACTIVITES
 [72] MCDERMOTT, Amy J., US
 [72] LORD, George A., US
 [72] CAREY, Jacqueline M., US
 [71] CULLMAN VENTURES, INC., US
 [22] 1998-08-06
 [43] 1999-03-12
 [30] US (08/928,448) 1997-09-12

[21] **2,244,759**
 [13] A1
 [51] Int.Cl. 6B65D83/02 6A61B19/02
 [25] EN
 [54] PEN NEEDLE MAGAZINE DISPENSER
 [54] DISTRIBUTEUR D'AIGUILLES A CARTOUCHE POUR STYLO INJECTEUR
 [72] NGUYEN, Tuan V., US
 [72] DiBIASI, Michael A., US
 [72] WEST, Robert E., US
 [72] MURRAY, Matthew, US
 [72] REED, Scott, US
 [72] STEIN, Jeffrey A., US
 [72] ALLEN, William J., US
 [71] BECTON, DICKINSON AND COMPANY, US
 [22] 1998-08-12
 [43] 1999-03-12
 [30] US (08/928,275) 1997-09-12

[21] **2,244,760**
 [13] A1
 [51] Int.Cl. 6A61M5/32 6A61M5/34
 [25] EN
 [54] PEN NEEDLE ASSEMBLY
 [54] AIGUILLE POUR STYLO INJECTEUR
 [72] WEST, Robert E., US
 [72] NGUYEN, Tuan V., US
 [72] DiBIASI, Michael A., US
 [71] BECTON, DICKINSON AND COMPANY, US
 [22] 1998-08-12
 [43] 1999-03-12
 [30] US (08/928,274) 1997-09-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,244,814**
[13] A1

[51] **Int.Cl. 6H4Q7/24 6H4L12/56**
[25] EN
[54] **WIRELESS PACKET SYSTEM FOR EFFICIENT WIDE AREA BANDWIDTH UTILIZATION**
[54] **SYSTEME DE TRANSMISSION DE PAQUETS SANS FIL PERMETTANT D'UTILISER EFFICACEMENT LA LARGEUR DE BANDE DES COMMUNICATIONS LONGUE DISTANCE**
[72] SMITH, David E., US
[72] SABNANI, Krishan Kumar, US
[72] GITLIN, Richard Dennis, US
[72] DUNCAN, Thomas, US
[72] SAWKAR, Anil S., US
[72] LAPORTA, Thomas F., US
[72] MURAKAMI, Kazutaka, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1998-08-11
[43] 1999-03-09
[30] US (08/925,876) 1997-09-09

[21] **2,244,829**
[13] A1

[51] **Int.Cl. 6E21B47/16**
[25] EN
[54] **WELL CABLE MONITOR SYSTEM**
[54] **SYSTEME SUR CABLE POUR CONTRÔLE DE Puits DE FORAGE**
[72] REUTER, Fritz W., US
[72] HA, Stephen T., US
[72] LOPEZ, Josephine, US
[71] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1998-08-11
[43] 1999-03-10
[30] US (08/926,727) 1997-09-10

[21] **2,244,869**
[13] A1

[51] **Int.Cl. 6G5B19/4099 6B21D43/00**
[25] EN
[54] **PROCESS FOR THE AUTOMATIC GENERATION OF A SEQUENCE OF CONTROLS FOR A BENDING MACHINE FOR METAL SHEETS**
[54] **PROCEDE POUR LA PRODUCTION AUTOMATIQUE DE SEQUENCES DE COMMANDE DE MACHINES A CINTRER DES TOLES D'ACIER**
[72] TOGNON, Nicola, IT
[71] SALVAGNINI ITALIA S.P.A., IT
[22] 1998-08-12
[43] 1999-03-09
[30] IT (MI97A 002046) 1997-09-09

[21] **2,244,874**
[13] A1

[51] **Int.Cl. 6F16D48/06**
[25] EN
[54] **POWER TRANSMISSION DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE TRANSMISSION DE PUISSANCE POUR VEHICULE**
[72] TSUKADA, Yoshiaki, JP
[72] MOHARA, Toshinari, JP
[72] NARITA, Satoru, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-08-12
[43] 1999-03-12
[30] JP (HEI-9-249055) 1997-09-12

[21] **2,244,960**
[13] A1

[51] **Int.Cl. 6A61M5/34 6B65D83/02**
[25] EN
[54] **PEN NEEDLE**
[54] **AIGUILLE POUR STYLO INJECTEUR**
[72] STEIN, Jeffrey A., US
[72] DiBIASI, Michael A., US
[72] NGUYEN, Tuan V., US
[72] REED, Scott, US
[72] MURRAY, Matthew, US
[72] WEST, Robert E., US
[72] ALLEN, William J., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-08-12
[43] 1999-03-12
[30] US (08/928,196) 1997-09-12

[21] **2,244,966**
[13] A1

[51] **Int.Cl. 6B65D83/02 6A61M5/32**
[25] EN
[54] **PEN NEEDLE DISPENSER**
[54] **DISTRIBUTEUR D'AIGUILLES POUR STYLO INJECTEUR**
[72] DiBIASI, Michael A., US
[72] WEST, Robert E., US
[72] NGUYEN, Tuan V., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-08-12
[43] 1999-03-12
[30] US (08/928,691) 1997-09-12

[21] **2,244,982**
[13] A1

[51] **Int.Cl. 6A61M5/32**
[25] EN
[54] **DISPOSABLE PEN NEEDLE**
[54] **AIGUILLE JETABLE POUR STYLO INJECTEUR**
[72] NGUYEN, Tuan V., US
[72] DiBIASI, Michael A., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-08-12
[43] 1999-03-12
[30] US (08/928,876) 1997-09-12

[21] **2,244,987**
[13] A1

[51] **Int.Cl. 6A61J1/05 6B65D1/09 6B65D25/04**
[25] EN
[54] **COLLECTION CONTAINER ASSEMBLY**
[54] **ENSEMBLE RECIPIENT DE PRELEVEMENT**
[72] ISKRA, Michael J., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-08-12
[43] 1999-03-12
[30] US (08/928,272) 1997-09-12

[21] **2,245,030**
[13] A1

[51] **Int.Cl. 6C12M3/00 6C12M3/06 6C12M1/12**
[25] EN
[54] **MULTI-WELL CULTURE DISH ASSEMBLY**
[54] **BOITE DE PETRI MULTI-PUITS**
[72] HENDERSON, Douglas P., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1998-08-13
[43] 1999-03-10
[30] US (08/926,562) 1997-09-10

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,245,031**
 [13] A1
 [51] Int.Cl. 6A61J1/14 6B65D8/06 6B65D8/08
 [25] EN
 [54] COLLECTION CONTAINER ASSEMBLY
 [54] ENSEMBLE RECIPIENT DE PRELEVEMENT
 [72] WHITEHEAD, Robert L., US
 [72] PLAYER, Lester, US
 [72] KELLY, Karin E., US
 [71] BECTON, DICKINSON AND COMPANY, US
 [22] 1998-08-13
 [43] 1999-03-12
 [30] US (08/928,616) 1997-09-12

[21] **2,245,050**
 [13] A1
 [51] Int.Cl. 6G1N27/416
 [25] EN
 [54] THREE-ELECTRODE ELECTRO-CHEMICAL GAS SENSOR
 [54] CAPTEUR ELECTROCHIMIQUE A TROIS ELECTRODES POUR LES GAZ
 [72] MALLORY, John, CA
 [72] PENG, Wenfeng, CA
 [71] SENCO SENSORS INC., CA
 [22] 1998-08-14
 [43] 1999-03-11
 [30] CA (2 215 108) 1997-09-11

[21] **2,245,051**
 [13] A1
 [51] Int.Cl. 6A21D10/04 6A23L1/187
 [25] EN
 [54] POUR AND BAKE CHEESECAKE
 [54] GATEAU AU FROMAGE PRET A CUIRE
 [72] RAPAPORT, Lauren Elyse, US
 [71] KRAFT FOODS, INC., US
 [22] 1998-08-14
 [43] 1999-03-12
 [30] US (928,840) 1997-09-12

[21] **2,245,058**
 [13] A1
 [51] Int.Cl. 6E4C1/39 6E4C2/52 6E4F19/00
 [25] EN
 [54] CONSTRUCTION MATERIAL BEARING NUMERICAL MEASUREMENT INDICIA THEREON
 [54] MATERIAUX DE CONSTRUCTION PORTANT DES MARQUES DE MESURE NUMERIQUES
 [72] LEE, Baek Woo, US
 [71] LEE, Baek Woo, US
 [22] 1998-08-13
 [43] 1999-03-08
 [30] US (944,046) 1997-09-08

[21] **2,245,071**
 [13] A1
 [51] Int.Cl. 6F16H61/28 6F16H63/46 6F16D48/06 6B60K41/22
 [25] EN
 [54] SHIFT CONTROL METHOD ADOPTED IN ELECTRIC-POWER-ASSIST-TYPE TRANSMISSION
 [54] METHODE DE COMMANDE D'EMBRAYAGE POUR SERVO-TRANSMISSION ELECTRIQUE
 [72] SUZUKI, Osamu, JP
 [72] MOHARA, Toshinari, JP
 [72] OTA, Atsuo, JP
 [72] NARITA, Satoru, JP
 [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-08-13
 [43] 1999-03-13
 [30] JP (HEI-9-268192) 1997-09-13
 [30] JP (HEI-9-268194) 1997-09-13
 [30] JP (HEI-10-211941) 1998-07-10

[21] **2,245,103**
 [13] A1
 [51] Int.Cl. 6B26B25/00 6B26D3/08
 [25] EN
 [54] CUTTING/BREAKING APPARATUS
 [54] COUPE-CARREAUX
 [72] HEPWORTH, Paul Steabben, GB
 [71] PLASPLUGS INC., US
 [22] 1998-08-14
 [43] 1999-03-13
 [30] GB (9719491.4) 1997-09-13

[21] **2,245,115**
 [13] A1
 [51] Int.Cl. 6C8K9/10 6B29C70/26 6B60C1/00 6C8L21/00 6B29B15/10
 [25] EN
 [54] A ZINC-RICH COATED STEEL ARTICLE
 [54] ARTICLE EN ACIER AVEC REVE-TEMENT, RICHE EN ZINC
 [72] BENKO, David Andrew, US
 [72] STARINSHAK, Thomas Walter, US
 [72] BEERS, Roger Neil, US
 [71] THE GOODYEAR TIRE & RUBBER COMPANY, US
 [22] 1998-08-18
 [43] 1999-03-09
 [30] US (08/926,125) 1997-09-09

[21] **2,245,126**
 [13] A1
 [51] Int.Cl. 6A61J1/05 6B65D1/09 6B65D1/40
 [25] EN
 [54] COLLECTION CONTAINER ASSEMBLY
 [54] ENSEMBLE RECIPIENT DE PRELEVEMENT
 [72] CARANO, Donald J., US
 [72] KELLY, Karin E., US
 [72] HENNIGER, Gary R., US
 [71] BECTON, DICKINSON AND COMPANY, US
 [22] 1998-08-12
 [43] 1999-03-12
 [30] US (08/928,286) 1997-09-12

[21] **2,245,153**
 [13] A1
 [51] Int.Cl. 6A61J1/14 6B65D1/40
 [25] EN
 [54] COLLECTION CONTAINER ASSEMBLY
 [54] ENSEMBLE RECIPIENT DE PRELEVEMENT
 [72] KELLY, Karin E., US
 [72] ROE, Mark, US
 [72] MACY, Johnathan L., US
 [71] BECTON, DICKINSON AND COMPANY, US
 [22] 1998-08-13
 [43] 1999-03-12
 [30] US (08/928,689) 1997-09-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,245,195**
[13] A1
[51] Int.Cl. 6B61F5/16
[25] EN
[54] CENTER PLATE ASSEMBLY
BEARING LINER
[54] CRAPAUDINE POUR PLATEAU
CENTRAL
[72] BURKE, Michael K., US
[72] MURPHY, Richard F., US
[71] ZEFTEK, INC., US
[22] 1998-08-18
[43] 1999-03-09
[30] US (08/926,105) 1997-09-09

[21] **2,245,204**
[13] A1
[51] Int.Cl. 6A61C13/007 6A61C11/08
6A61C9/00
[25] EN
[54] METHOD OF PRODUCING DEN-
TURES AND ARTICULATOR FOR USE
THEREWITH
[54] METHODE DE FABRICATION DE
PROTHESES DENTAIRES ET ARTICU-
LATEUR DESTINE A CELLES-CI
[72] FOSER, Hanspeter, LI
[71] IVOCLAR AG, LI
[22] 1998-08-17
[43] 1999-03-08
[30] DE (P 197 39 220.2) 1997-09-08

[21] **2,245,290**
[13] A1
[51] Int.Cl. 6G1S11/10 6G1S5/14 6H4Q7/
32
[25] EN
[54] TELECOMMUNICATIONS-AS-
SISTED SATELLITE POSITIONING
SYSTEM
[54] SYSTEME DE POSITIONNEMENT
PAR SATELLITE UTILISANT LES
TELECOMMUNICATIONS
[72] VANNUCCI, Giovanni, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1998-08-19
[43] 1999-03-11
[30] US (08/927,432) 1997-09-11

[21] **2,245,349**
[13] A1
[51] Int.Cl. 6A63B71/14 6A41D19/00
6A41D13/10
[25] EN
[54] BATTER'S GLOVE
[54] GANT DE FRAPPEUR
[72] TALARICO, Mark, US
[71] JAS. D. EASTON, INC., US
[22] 1998-08-19
[43] 1999-03-08
[30] US (60/058,176) 1997-09-08

[21] **2,245,390**
[13] A1
[51] Int.Cl. 6H1J61/00
[25] EN
[54] LOW WATTAGE LAMP HAVING
FORMED ARC TUBE IN ALUMINOSIL-
ICATE OUTER JACKET
[54] LAMPE A FAIBLE PUISSANCE
MUNIE D'UN TUBE A ARC FORME
AVEC ENVELOPPE EXTERIEURE EN
ALUMINOSILICATE
[72] SCHOLZ, John A., US
[72] NORTRUP, Edward H., US
[72] LIMA, Joseph V., US
[72] GALLANT, Joseph P., US
[72] KRASKO, Zeya K., US
[72] GAGNON, Peter R., US
[71] OSRAM SYLVANIA INC., US
[22] 1998-08-20
[43] 1999-03-11
[30] US (60/058,548) 1997-09-11
[30] US (09/133,639) 1998-08-13

[21] **2,245,401**
[13] A1
[51] Int.Cl. 6A61J1/14 6B65D8/00
[25] EN
[54] COLLECTION CONTAINER AS-
SEMBLY
[54] ENSEMBLE RECIPIENT DE
PRELEVEMENT
[72] WASEK, Ray, US
[72] HENNIGER, Gary R., US
[72] KELLY, Karin E., US
[71] BECTON, DICKINSON AND COM-
PANY, US
[22] 1998-08-20
[43] 1999-03-12
[30] US (08/928,817) 1997-09-12

[21] **2,245,402**
[13] A1
[51] Int.Cl. 6A61J1/14 6B65D8/06
[25] EN
[54] COLLECTION CONTAINER AS-
SEMBLY
[54] ENSEMBLE RECIPIENT DE
PRELEVEMENT
[72] KELLY, Karin E., US
[71] BECTON, DICKINSON AND COM-
PANY, US
[22] 1998-08-20
[43] 1999-03-12
[30] US (08/928,350) 1997-09-12

[21] **2,245,405**
[13] A1
[51] Int.Cl. 6E21B33/06
[25] EN
[54] IMPROVED VARIABLE BORE
RAM PACKER FOR A RAM TYPE
BLOWOUT PREVENTER
[54] PACKER AMELIORE A MA-
CHOIRES POUR Puits DE DIAMETRE
VARIABLE DESTINE A UN OBTURA-
TEUR A MACHOIRES
[72] WATTS, Gerald D., US
[72] GRIFFIN, Theodore F., US
[71] COOPER CAMERON CORPORA-
TION, US
[22] 1998-08-20
[43] 1999-03-11
[30] US (08/927,194) 1997-09-11

[21] **2,245,434**
[13] A1
[51] Int.Cl. 6H4M3/42
[25] EN
[54] METHOD AND APPARATUS FOR
PROVIDING TELEPHONE DIREC-
TORY ASSISTANCE OVER A COM-
PUTER NETWORK
[54] METHODE ET APPAREIL PER-
METTANT D'OFFRIR DES SERVICES
D'ASSISTANCE ANNUAIRE SUR UN
RESEAU INFORMATIQUE
[72] RAHMAN, Moshir, US
[72] BOUANAKA, Hansali, US
[71] AT&T CORP., US
[22] 1998-08-24
[43] 1999-03-12
[30] US (08/928,079) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,245,437**
 [13] A1
 [51] Int.Cl. 6H1R13/62 6B60R16/02
 [25] EN
 [54] CORD SET RECEPTACLE
 [54] RECEPTACLE D'UN ENSEMBLE
 DE CORDON D'ALIMENTATION
 [72] WITKOWSKI, Ireneusz, CA
 [71] PHILLIPS & TEMRO INDUSTRIES
 LTD., CA
 [22] 1998-08-21
 [43] 1999-03-12
 [30] US (928,296) 1997-09-12

[21] **2,245,439**
 [13] A1
 [51] Int.Cl. 6F1M5/00
 [25] EN
 [54] A VERTICAL INTERNAL COM-
 BUSTION ENGINE
 [54] MOTEUR VERTICAL A COMBUS-
 TION INTERNE
 [72] SAKATA, Shigekazu, JP
 [72] HAGA, Nobuo, JP
 [72] TSUNODA, Masaki, JP
 [71] HONDA GIKEN KOGYO KABUSH-
 IKI KAISHA, JP
 [22] 1998-08-20
 [43] 1999-03-12
 [30] JP (9-249208) 1997-09-12
 [30] JP (9-258294) 1997-09-24

[21] **2,245,463**
 [13] A1
 [51] Int.Cl. 6G6F17/60
 [25] EN
 [54] DATA HEALTH MONITOR FOR FI-
 NANCIAL INFORMATION COMMUNI-
 CATIONS NETWORK
 [54] SURVEILLANCE DES DONNEES
 POUR RESEAU DE COMMUNICATION
 D'INFORMATIONS FINANCIERES
 [72] DALE, Stephen G., GB
 [72] SMITH, Christina, GB
 [72] FLETCHER, Steve John H., GB
 [71] REUTERS LIMITED, GB
 [22] 1998-08-21
 [43] 1999-03-08
 [30] US (08/925,586) 1997-09-08

[21] **2,245,481**
 [13] A1
 [51] Int.Cl. 6C8K5/47 6C8K5/00 6C8K5/12
 [25] EN
 [54] LOW TEMPERATURE-STABI-
 LIZED ISOTHIAZOLINONE CONCEN-
 TRATES
 [54] CONCENTRES D'ISOTHIAZOLI-
 NONE, STABILISES A BASSE TEMPER-
 ATURE
 [72] REI, Nuno M., US
 [72] McENTEE, Thomas C., US
 [72] HAMEL, Roger G., US
 [71] MORTON INTERNATIONAL, INC.,
 US
 [22] 1998-08-25
 [43] 1999-03-08
 [30] US (08/925,035) 1997-09-08

[21] **2,245,492**
 [13] A1
 [51] Int.Cl. 6D21H27/26 6B32B13/08
 6D21H27/20
 [25] EN
 [54] COATED WALLBOARD EMPLOY-
 ING UNBLEACHED FACE PAPER
 [54] PANNEAU MURAL REVETU DE
 PAPIER ECRU
 [72] DEODHAR, Subhash S., US
 [72] HAUGEGERG, Thomas M., US
 [72] HILL, Claudia B., US
 [72] HOUMAN, Thomas G., US
 [72] NEGRI, Robert H., US
 [71] UNITED STATES GYPSUM COM-
 PANY, US
 [22] 1998-08-21
 [43] 1999-03-12
 [30] US (929,165) 1997-09-12

[21] **2,245,609**
 [13] A1
 [51] Int.Cl. 6D6M15/693 6B60C9/12
 6D2G3/48
 [25] EN
 [54] A COATED MULTI-FILAMENT
 REINFORCING CARBON YARN
 [54] FIL DE RENFORCEMENT EN CAR-
 BONE, MULTI-FILAMENT, ENDUIT
 [72] GILLICK, James Gregory, US
 [72] BENNETT, Cecil Jr., US
 [71] THE GOODYEAR TIRE & RUBBER
 COMPANY, US
 [22] 1998-08-20
 [43] 1999-03-12
 [30] US (08/928,883) 1997-09-12

[21] **2,245,611**
 [13] A1
 [51] Int.Cl. 6G6F9/45
 [25] EN
 [54] METHOD AND APPARATUS FOR
 EFFICIENT OPERATIONS ON PRI-
 MARY TYPE VALUES WITHOUT
 STATIC OVERLOADING
 [54] METHODE ET APPAREIL SER-
 VANT A AMELIORER LES OPERA-
 TIONS SUR DES VALEURS DE TYPE
 PRIMAIRE SANS SURCHARGE STA-
 TIQUE
 [72] UNGAR, David M., US
 [71] SUN MICROSYSTEMS, INC., US
 [22] 1998-08-20
 [43] 1999-03-09
 [30] US (08/926,060) 1997-09-09

[21] **2,245,639**
 [13] A1
 [51] Int.Cl. 6F1D5/08 6F1D25/12 6F2C7/16
 [25] EN
 [54] RECOVERY TYPE STEAM-
 COOLED GAS TURBINE
 [54] TURBINE A GAZ REFROIDIE A LA
 VAPEUR DU TYPE A RECUPERATION
 [72] UEMATSU, Kazuo, JP
 [71] MITSUBISHI HEAVY INDUSTRIES,
 LTD., JP
 [22] 1998-08-25
 [43] 1999-03-08
 [30] JP (9-242693) 1997-09-08

[21] **2,245,731**
 [13] A1
 [51] Int.Cl. 6F2B77/08 6A1D41/12
 [25] EN
 [54] METHOD AND APPARATUS FOR
 PROTECTING AN ENGINE FROM
 OVERHEATING
 [54] METHODE ET APPAREIL POUR
 PROTEGER UN MOTEUR CONTRE LA
 SURCHAUFFE
 [72] PANOUSHEK, Dale William, US
 [72] CROSS, Jon Robert, US
 [71] CASE CORPORATION, US
 [22] 1998-08-26
 [43] 1999-03-08
 [30] US (08/925,209) 1997-09-08

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] 2,245,792
[13] A1

[51] Int.Cl. 6C8F220/18 6C9G1/04
6C8L33/10
[25] EN
[54] POLYMER COMPOSITIONS
[54] COMPOSITIONS POLYMERIQUES
[72] KOHR, Alan Wayne, US
[72] HARTMAN, Karl John, US
[71] ROHM AND HAAS COMPANY, US
[22] 1998-08-25
[43] 1999-03-08
[30] US (60/058,205) 1997-09-08

[21] 2,245,796
[13] A1

[51] Int.Cl. 6B25G3/12 6A47J43/28
6B26B5/00 6B26B1/10
[25] EN
[54] HANDLE WITH INTERCHANGE-
ABLE KITCHEN IMPLEMENTS
[54] MANCHE AVEC ACCESSOIRES
DE CUISINE INTERCHANGEABLES
[72] WALLAYS, Nele, BE
[71] DART INDUSTRIES INC., US
[22] 1998-08-26
[43] 1999-03-08
[30] US (08/925,550) 1997-09-08

[21] 2,245,798
[13] A1

[51] Int.Cl. 6G1S5/14 6H4B1/04
[25] EN
[54] AN AUXILIARY SYSTEM FOR AS-
SISTING A WIRELESS TERMINAL IN
DETERMINING ITS POSITION FROM
SIGNALS TRANSMITTED FROM A
NAVIGATION SATELLITE
[54] SYSTEME AIDANT UN TERMINAL
SANS FIL A DETERMINER SA POSI-
TION A PARTIR DE SIGNAUX D'UN
SATELLITE DE NAVIGATION
[72] RICHTON, Robert Ellis, US
[72] VANNUCCI, Giovanni, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1998-08-25
[43] 1999-03-11
[30] US (08/927,434) 1997-09-11

[21] 2,245,803
[13] A1

[51] Int.Cl. 6H2J3/16 6H2J3/01
[25] EN
[54] IMPEDANCE REGULATOR SYS-
TEM AND METHOD
[54] SYSTEME ET METHODE DE REG-
ULATION D'IMPEDANCE
[72] WYNN, Woodson Dale, US
[71] AT&T CORP., US
[22] 1998-08-25
[43] 1999-03-10
[30] US (08/929,250) 1997-09-10

[21] 2,245,908
[13] A1

[51] Int.Cl. 6B5C5/04
[25] EN
[54] ELECTRIC SOLENOID VALVE
FOR HOT MELT ADHESIVES AND
METHOD THEREFOR
[54] VALVE ELECTROMAGNETIQUE
POUR ADHESIFS THERMOFUSIBLES
ET METHODE D'UTILISATION
[72] ERICKSON, Perry Dennis, US
[72] JAMISON, Chris Mark, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1998-08-26
[43] 1999-03-10
[30] US (08/926,932) 1997-09-10

[21] 2,245,971
[13] A1

[51] Int.Cl. 6G6T7/00 6G1N33/53 6G1N33/
543 6G1N21/77
[25] EN
[54] METHOD AND APPARATUS FOR
ANALYSING AN IMAGE
[54] METHODE ET APPAREIL
D'ANALYSE D'IMAGES
[72] MCCONNELL, Robert Ivan, GB
[72] FITZGERALD, Stephen Peter, GB
[72] LAMONT, John Victor, GB
[71] RANDOX LABORATORIES LTD., GB
[22] 1998-08-26
[43] 1999-03-11
[30] EP (97307053.5) 1997-09-11

[21] 2,245,979
[13] A1

[51] Int.Cl. 6H4L12/18 6H4L12/56
[25] EN
[54] METHOD AND SYSTEM FOR A
UNICAST ENDPOINT CLIENT TO AC-
CESS A MULTICAST INTERNET PRO-
TOCOL (IP) SESSION
[54] METHODE ET SYSTEME PER-
METTANT A UN CLIENT DE RESEAU
MONODIFFUSION D'AVOIR ACCES A
UNE SEANCE IP (INTERNET PROTO-
COL) MULTIDIFFUSION
[72] SHUR, David Hilton, US
[72] ZELEZNIAK, Aleksandr, US
[71] AT&T CORP., US
[22] 1998-08-26
[43] 1999-03-11
[30] US (08/927,426) 1997-09-11

[21] 2,246,076
[13] A1

[51] Int.Cl. 6G5B19/425
[25] EN
[54] OFF-LINE TEACHING APPARA-
TUS
[54] APPAREIL D'ENSEIGNEMENT
HORS LIGNE
[72] KANEKO, Masakatsu, JP
[72] AOKI, Shinji, JP
[71] HONDA GIKEN KOGYO KABUSHI-
KI KAISHA, JP
[22] 1998-08-28
[43] 1999-03-10
[30] JP (9-245263) 1997-09-10

[21] 2,246,085
[13] A1

[51] Int.Cl. 6C11C3/14 6C7C67/333
6C7C51/353 6C12P41/00 6C7C57/12
6C7C69/587 6C12P7/64
[25] EN
[54] PRODUCTION OF MATERIALS
RICH IN CONJUGATED ISOMERS OF
LONG CHAIN POLYUNSATURATED
FATTY ACID RESIDUES
[54] PRODUCTION DE MATIDRES
RICHES EN ISOMERES CONJUGUES
DE RESIDUS D'ACIDES GRAS A
LONGUE CHA-NE POLYINSATUREE
[72] BHAGGAN, Krish, NL
[72] CAIN, Frederick William, NL
[72] HARRIS, John Bernard, NL
[72] TARAN, Victoria, NL
[71] LODERS CROKLAAN B.V., NL
[22] 1998-08-28
[43] 1999-03-12
[30] EP (97307110.3) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,135**
 [13] A1

[51] Int.Cl. 6H3G3/02
 [25] EN
 [54] METHOD AND APPARATUS FOR AUTOMATIC GAIN CONTROL USING A LINEAR LIMITER CIRCUIT WITH VOLTAGE CONTROLLED RESISTORS AS A VARIABLE ELEMENT
 [54] METHODE ET APPAREIL POUR LA COMMANDE AUTOMATIQUE DE GAIN UTILISANT, COMME ELEMENT VARIABLE, UN CIRCUIT ECRETEUR LINEAIRE AVEC RESISTANCES A TENSION CONTROLEE
 [72] ENGH, Lawrence D., US
 [72] HOEI, Jung Sheng, US
 [72] SARIN, Vishal, US
 [71] INFORMATION STORAGE DEVICES, INC., US
 [22] 1998-08-31
 [43] 1999-03-08
 [30] US (08/925,022) 1997-09-08

[21] **2,246,140**
 [13] A1

[51] Int.Cl. 6B25C5/15
 [25] EN
 [54] FASTENER DISPENSING APPARATUS FOR STAND-UP FASTENER DRIVING TOOL AND METHOD THEREFOR
 [54] DISPOSITIF D'ALIMENTATION EN ORGANES D'ASSEMBLAGE DESTINE A UN OUTIL VERTICAL DE POSE DES ORGANES D'ASSEMBLAGE ET METHODE D'UTILISATION
 [72] OLVERA, Gilbert, US
 [72] PAUL, Sigismund G., US
 [72] DEWEY, George G., US
 [71] ILLINOIS TOOL WORKS INC., US
 [22] 1998-08-27
 [43] 1999-03-12
 [30] US (08/928,593) 1997-09-12

[21] **2,246,177**
 [13] A1

[51] Int.Cl. 6H1R4/64 6H1R4/66 6H1R4/48 6H1R4/60
 [25] EN
 [54] ELECTRICAL GROUNDING CONNECTOR WITH COMPRESSION CONDUCTOR CONNECTOR
 [54] CONNECTEUR DE MISE A LA TERRE AVEC CONNECTEUR A COMPRESSION
 [72] ZWIT, Andrew T., US
 [71] FRAMATOME CONNECTORS INTERNATIONAL, FR
 [22] 1998-08-28
 [43] 1999-03-09
 [30] US (08/926,364) 1997-09-09

[21] **2,246,178**
 [13] A1

[51] Int.Cl. 6B8B9/02
 [25] EN
 [54] EASY INSERT COMPOSITE TUBE CLEANER
 [54] NETTOIE-TUBE EN MATERIAU COMPOSITE FACILE A INSERER
 [72] KRYSICKI, Jerzy, US
 [72] SAXON, Gregory J., US
 [71] CONCO SYSTEMS, INC., US
 [22] 1998-09-01
 [43] 1999-03-12
 [30] US (08/928,980) 1997-09-12

[21] **2,246,202**
 [13] A1

[51] Int.Cl. 6A47C3/026 6A47C3/03
 [25] EN
 [54] ROCKING APPARATUS
 [54] APPAREIL OSCILLANT
 [72] ITO, Tsunetaro, JP
 [71] TAKANO CO., LTD., JP
 [22] 1998-08-31
 [43] 1999-03-10
 [30] JP (245,834/1997) 1997-09-10
 [30] JP (84,674/1998) 1998-03-30

[21] **2,246,207**
 [13] A1

[51] Int.Cl. 6D21H13/04 6D21H17/26 6D21H17/66
 [25] EN
 [54] WATER-DISINTEGRATABLE FIBROUS SHEET CONTAINING FIBERS HAVING DIFFERENT FIBER LENGTHS AND PROCESS FOR PRODUCING THE SAME
 [54] FEUILLE FIBREUSE DESINTEGRABLE DANS L'EAU CONTENANT DES FIBRES QUI ONT DIFFERENTES LONGUEURS ET PROCEDE POUR LA FABRIQUER
 [72] KONISHI, Takayoshi, JP
 [72] TAKEUCHI, Naohito, JP
 [71] UNI-CHARM CORPORATION, JP
 [22] 1998-08-31
 [43] 1999-03-08
 [30] JP (242640/97) 1997-09-08

[21] **2,246,212**
 [13] A1

[51] Int.Cl. 6B1D53/02 6F25J3/04
 [25] EN
 [54] PURIFICATION OF GASES USING SOLID ADSORBENTS
 [54] PURIFICATION DE GAZ A L'AIDE D'ADSORBANTS SOLIDES
 [72] KALBASSI, Mohammad Ali, GB
 [72] GOLDEN, Timothy Christopher, US
 [71] AIR PRODUCTS AND CHEMICALS, INC., US
 [22] 1998-09-02
 [43] 1999-03-09
 [30] US (08/926,402) 1997-09-09

[21] **2,246,214**
 [13] A1

[51] Int.Cl. 6B1J19/08 6C1B13/11 6C7C29/152 6C1B3/34 6F1N3/38
 [25] EN
 [54] DISCHARGE REACTOR AND USES THEREOF
 [54] REACTEUR A DECHARGE ET USAGES QUI EN SONT FAITS
 [72] ELIASSON, Baldur, CH
 [72] KOGELSCHATZ, Ulrich, CH
 [71] ABB RESEARCH LTD., CH
 [22] 1998-09-02
 [43] 1999-03-08
 [30] DE (197 39 181, 8) 1997-09-08

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,215**
[13] A1
[51] Int.Cl. 6C23C28/00 6A47G21/00
6C25D11/04
[25] EN
[54] MULTILAYER NON-STICK COATING OF IMPROVED HARDNESS FOR ALUMINUM ARTICLES AND ARTICLES AND CULINARY UTENSILS INCORPORATING SUCH COATING
[54] REVETEMENT MULTICOUCHE ANTIADHESIF DE DURETE AME-LIOREE POUR ARTICLES EN ALU-MINIUM; ARTICLES ET USTENSILES CULINAIRES POSSEDANT CE REVET-EMENT
[72] BUFFARD, Jean-Pierre, FR
[72] GARDAZ, Claudine, FR
[71] SEB S.A., FR
[22] 1998-09-02
[43] 1999-03-10
[30] FR (97 11242) 1997-09-10

[21] **2,246,218**
[13] A1
[51] Int.Cl. 6F2C7/22 6F2C7/04
[25] EN
[54] GAS TURBINE COMBUSTOR
[54] DISPOSITIF COMBUSTOR DE TURBINE A GAZ
[72] OHTA, Masataka, JP
[72] TANAKA, Katsunori, JP
[72] MANDAI, Shigemi, JP
[72] AKAMATSU, Shinji, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1998-09-02
[43] 1999-03-08
[30] JP (9-242690) 1997-09-08

[21] **2,246,219**
[13] A1
[51] Int.Cl. 6F23R3/14
[25] EN
[54] THREE-DIMENSIONAL SWIRLER
[54] DISPOSITIF DE TURBULENCE TRIDIMENSIONNEL
[72] AKAMATSU, Shinji, JP
[72] OHTA, Masataka, JP
[72] MANDAI, Shigemi, JP
[72] INADA, Mitsuru, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1998-09-02
[43] 1999-03-10
[30] JP (9-245477) 1997-09-10

[21] **2,246,241**
[13] A1
[51] Int.Cl. 6B25B23/06 6B25B31/00
[25] EN
[54] FASTENER COLLATION TUBE FOR STAND-UP FASTENER DRIVING TOOL
[54] TUBE D'ALIMENTATION POUR UN OUTIL VERTICAL SERVANT A POSER DES PIECES DE FIXATION
[72] OLVERA, Gilbert, US
[72] PAUL, Sigismund G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1998-08-27
[43] 1999-03-12
[30] US (08/928,594) 1997-09-12

[21] **2,246,294**
[13] A1
[51] Int.Cl. 6B5B1/34
[25] EN
[54] SYSTEM AND METHOD FOR ONE-WAY SPRAY/AEROSOL TIP
[54] SYSTEME ET METHODE POUR NEZ DE GICLEUR/PULVERISATEUR UNIDIRECTIONNEL
[72] PY, Daniel, US
[71] PY, Daniel, US
[22] 1998-09-01
[43] 1999-03-10
[30] US (08/927,221) 1997-09-10

[21] **2,246,388**
[13] A1
[51] Int.Cl. 6G1R31/00 6H2J3/00
[25] EN
[54] METHOD FOR DETERMINING THE LOAD CAPACITY OF AN AC NETWORK
[54] METHODE POUR DETERMINER LA CAPACITE DE CHARGE D'UN RE-SEAU DE COURANT ALTERNATIF
[72] MOSSIG, Kai, CH
[72] TERWIESCH, Peter, DE
[71] ABB DAIMLER-BENZ TRANSPOR-TATION (TECHNOLOGY) GMBH, DE
[22] 1998-09-02
[43] 1999-03-09
[30] DE (197 39 379.9) 1997-09-09

[21] **2,246,394**
[13] A1
[51] Int.Cl. 6A1C11/02
[25] EN
[54] METHOD AND DEVICE FOR PICK-ING UP SEEDLING FROM SEEDLING TRAY
[54] METHODE ET DISPOSITIF POUR PRENDRE DES SEMENCES DANS UN PLATEAU A SEMENCES
[72] SHOKAKU, Michihiro, JP
[72] MIKAWA, Isao, JP
[72] KAJI, Masayuki, JP
[72] YAMAMOTO, Nobuhiro, JP
[72] MATSUDA, Makoto, JP
[71] CIRCLE TEKCO CO., LTD., JP
[22] 1998-09-02
[43] 1999-03-08
[30] JP (257927/1997) 1997-09-08

[21] **2,246,396**
[13] A1
[51] Int.Cl. 6B62B5/00 6B62B3/14
[25] EN
[54] SHOPPING LIST HOLDER FOR SHOPPING CARTS
[54] SUPPORT DE LISTE D'EM-PLETTES POUR CHARIOT D'EM-PLETTES
[72] GODDARD, Donald Harry, CA
[71] GODDARD, Donald Harry, CA
[22] 1998-09-02
[43] 1999-03-08
[30] US (60/057,752) 1997-09-08

[21] **2,246,470**
[13] A1
[51] Int.Cl. 6H4L12/24 6H4L12/28 6H4Q7/22
[25] EN
[54] WIRELESS LAN WITH EN-HANCED CAPTURE PROVISION
[54] RESEAU LOCAL SANS FIL A FONCTION DE SAISIE AMELIOREE
[72] DIEPSTRATEN, Wilhelmus Josephus, NL
[72] KAMERMAN, Adriaan, NL
[72] VAN BOKHORST, Hendrik, NL
[72] BOER, Jan, NL
[72] MUD, Rienk, NL
[72] KOPMEINERS, Robert John, NL
[72] VAN DRIEST, Hans, NL
[71] LUCENT TECHNOLOGIES INC., US
[22] 1998-09-03
[43] 1999-03-08
[30] US (08/925,416) 1997-09-08

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,473**
 [13] A1

[51] **Int.Cl. 6H4B10/18 6H4J14/02**
 [25] EN
 [54] **OPTICAL TRANSMISSION LINK FOR WAVELENGTH DIVISION MULTIPLEX TRANSMISSION, AND OPTICAL FIBER CONSTITUTING THE LINK**
 [54] **LIAISON OPTIQUE POUR LES TRANSMISSIONS A MULTIPLEXAGE OPTIQUE ET FIBRES OPTIQUES UTILISEES POUR CETTE LIAISON**
 [72] MUKASA, Kazunori, JP
 [71] THE FURUKAWA ELECTRIC CO., LTD., JP
 [22] 1998-09-03
 [43] 1999-03-10
 [30] JP (9-262803) 1997-09-10

[21] **2,246,475**
 [13] A1

[51] **Int.Cl. 6A63B71/14 6A41D13/10**
 [25] EN
 [54] **GOLF GLOVE**
 [54] **GANT DE GOLF**
 [72] BEATTY, James H., US
 [72] PORTER, Michael, US
 [71] TITLE WAVE INNOVATIONS, US
 [22] 1998-09-03
 [43] 1999-03-08
 [30] US (08/925,505) 1997-09-08

[21] **2,246,493**
 [13] A1

[51] **Int.Cl. 6C7D307/83 6C7D495/04 6C7D491/048 6C8G63/06 6C7C235/32 6C7C59/52**
 [25] EN
 [54] **IMPROVED PROCESS FOR PREPARING CONDENSATION PRODUCT OF HYDROXY-SUBSTITUTED AROMATIC COMPOUNDS AND GLYOXYLIC REACTANTS**
 [54] **METHODE AMELIOREE POUR PREPARER UN PRODUIT DE CONDENSATION DE DERIVES DE SUBSTITUTION DE COMPOSES AROMATIQUES ET DE REACTIFS GLYOXYLIQUES**
 [72] BAKER, Mark R., US
 [72] WESTFALL, David L., US
 [72] HULL, Karen M., US
 [71] THE LUBRIZOL CORPORATION, US
 [22] 1998-09-04
 [43] 1999-03-10
 [30] US (08/927,504) 1997-09-10

[21] **2,246,500**
 [13] A1

[51] **Int.Cl. 6G2B5/26 6G2B5/28**
 [25] EN
 [54] **MULTILAYER THIN FILM BAND-PASS FILTER**
 [54] **FILTRE PASSE-BANDE A MULTIPLES COUCHES MINCES**
 [72] CUSHING, David Henry, CA
 [71] JDS FITEL INC., CA
 [22] 1998-09-03
 [43] 1999-03-12
 [30] US (08/928,479) 1997-09-12

[21] **2,246,515**
 [13] A1

[51] **Int.Cl. 6A1B21/04**
 [25] EN
 [54] **ROTARY HARROW**
 [54] **HERSE ROTATIVE**
 [72] NOELKER, Colin, AU
 [71] NOELKER, Colin, AU
 [22] 1998-09-04
 [43] 1999-03-08
 [30] AU (PO9010) 1997-09-08
 [30] AU (PP1603) 1998-02-03

[21] **2,246,521**
 [13] A1

[51] **Int.Cl. 6G1N29/04 6G1N27/82 6G1M3/00 6G1N27/00**
 [25] EN
 [54] **TUBULAR INSPECTION UNIT**
 [54] **APPAREIL D'INSPECTION TUBULAIRE**
 [72] ROBB, Eden Smally, GB
 [71] ROBB, Eden Smally, GB
 [22] 1998-09-04
 [43] 1999-03-08
 [30] GB (9718953.4) 1997-09-08
 [30] GB (9818251.2) 1998-08-21

[21] **2,246,527**
 [13] A1

[51] **Int.Cl. 6C1B17/04**
 [25] EN
 [54] **TREATMENT OF A COMBUSTIBLE GAS STREAM**
 [54] **TRAITEMENT D'UN CIRCUIT DE GAZ COMBUSTIBLE**
 [72] GRAVILLE, Stephen Rhys, GB
 [72] WATSON, Richard William, GB
 [71] THE BOC GROUP PLC, GB
 [22] 1998-09-04
 [43] 1999-03-12
 [30] GB (9719512.7) 1997-09-12

[21] **2,246,539**
 [13] A1

[51] **Int.Cl. 6A47J31/057 6A47J31/54**
 [25] EN
 [54] **AN APPARATUS FOR PREPARING FILTER COFFEE**
 [54] **APPAREIL SERVANT A PREPARER DU CAFE FILTRE**
 [72] SCHMED, Arthur, CH
 [71] SCHMED, Arthur, CH
 [22] 1998-09-04
 [43] 1999-03-11
 [30] CH (1997 2140/97) 1997-09-11

[21] **2,246,543**
 [13] A1

[51] **Int.Cl. 6C9B67/20 6C9B19/00 6C9B48/00 6C9B57/00 6C9B47/04 6C8K9/10**
 [25] EN
 [54] **STIR-IN PIGMENT COMPOSITIONS**
 [54] **COMPOSITIONS PIGMENTAIRES A AJOUTER EN MELANGEANT**
 [72] BÄBLER, Fridolin, US
 [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
 [22] 1998-09-04
 [43] 1999-03-08
 [30] US (60/058,154) 1997-09-08
 [30] US (60/059,768) 1997-09-23

[21] **2,246,551**
 [13] A1

[51] **Int.Cl. 6C7F13/00 6C7D455/04 6C7C251/24 6C11D3/26 6C7C255/61**
 [25] EN
 [54] **FABRIC CARE METHOD**
 [54] **METHODE POUR L'ENTRETIEN DE TISSUS**
 [72] SCHLINGLOFF, Gunther, CH
 [72] RICHTER, Grit, DE
 [72] STUDER, Martin, CH
 [72] WEINGARTNER, Peter, CH
 [72] FREIERMUTH, Beat, FR
 [72] MAKOWKA, Cornelia, DE
 [72] BACHMANN, Frank, DE
 [72] DANNACHER, Josef, CH
 [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
 [22] 1998-09-04
 [43] 1999-03-09
 [30] GB (9719009.4) 1997-09-09
 [30] GB (9816928.7) 1998-08-05

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,552**
[13] A1

[51] Int.Cl. 6B23D61/12 6B27B33/02
6B23D63/04
[25] EN
[54] SAW BLADE AND METHOD FOR ITS PRODUCTION
[54] LAME DE SCIE ET METHODE POUR SA PRODUCTION
[72] KULLMANN, Jörg H., DE
[72] FLÜHRER, Manfred, DE
[71] WIKUS-SÄGENFABRIK WILHELM H. KULLMAN, DE
[22] 1998-09-04
[43] 1999-03-08
[30] DE (197 39 074.9-14) 1997-09-08

[21] **2,246,573**
[13] A1

[51] Int.Cl. 6G5B19/42
[25] EN
[54] METHOD FOR SETTING TOOL-BASED WORKING CONDITION IN OFF-LINE TEACHING
[54] METHODE D'ETABLISSEMENT DE CONDITIONS DE TRAVAIL POUR DES OUTILS DANS L'ENSEIGNEMENT HORS LIGNE
[72] AOKI, Shinji, JP
[72] KANEKO, Masakatsu, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-09-03
[43] 1999-03-10
[30] JP (9-245261) 1997-09-10

[21] **2,246,580**
[13] A1

[51] Int.Cl. 6C9K3/00 6C10M161/00
6C10L1/18
[25] EN
[54] ADDITIVE FOR IMPROVING THE FLOW PROPERTIES OF MINERAL OILS AND MINERAL OIL DISTILLATES
[54] ADDITIF POUR AMELIORER LA FLUIDITE D'HUILES MINERALES ET DE DISTILLATS DE CELLES-CI
[72] KRULL, Matthias, DE
[72] REIMANN, Werner, DE
[71] CLARIANT GMBH, DE
[22] 1998-09-04
[43] 1999-03-08
[30] DE (19739271.7) 1997-09-08

[21] **2,246,586**
[13] A1

[51] Int.Cl. 6F16J15/08 6F1N7/10 6F2M11/00 6F2M35/104
[25] EN
[54] MULTI-LAYERED STEEL, DUAL-PURPOSE INTAKE/EXHAUST GASKET
[54] JOINT METALLIQUE MULTICOUCHE DOUBLE USAGE POUR COLLECTEUR D'ADMISSION/D'ECHAPPEMENT
[72] SCHWEIGER, David J., US
[71] DANA CORPORATION, US
[22] 1998-09-04
[43] 1999-03-08
[30] US (08/925,947) 1997-09-08

[21] **2,246,761**
[13] A1

[51] Int.Cl. 6A47F11/10
[25] EN
[54] LIGHTING DEVICE FOR A CABINET
[54] APPAREIL D'ECLAIRAGE POUR PRESENTOIR
[72] HAHN, Thomas, DE
[71] GLASBAU HAHN GMBH + CO. KG, DE
[22] 1998-09-08
[43] 1999-03-09
[30] EP (97 115 598.1) 1997-09-09

[21] **2,246,769**
[13] A1

[51] Int.Cl. 6H2P9/08 6H2K7/18 6F2C7/00
[25] EN
[54] TURBOGENERATOR/MOTOR CONTROLLER
[54] CONTROLEUR DE TURBOALTERNATEUR
[72] PETICOLAS, Brian W., US
[72] GEIS, Everett R., US
[72] WACKNOV, Joel B., US
[71] CAPSTONE TURBINE CORPORATION, US
[22] 1998-09-08
[43] 1999-03-08
[30] US (09/003,078) 1998-01-05
[30] US (08/924,966) 1997-09-08

[21] **2,246,772**
[13] A1

[51] Int.Cl. 6G1N27/49 6G1N27/416
[25] EN
[54] ELECTRIC CIRCUIT FOR AN ELECTROCHEMICAL SENSOR
[54] CIRCUIT ELECTRIQUE POUR UN CAPTEUR ELECTROCHIMIQUE
[72] HORN, Michael, DE
[72] MAKADMINI, Lothfi, DE
[72] TRÄNKLER, Hans-Rolf, DE
[71] ENDRESS + HAUSER CONDUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH +, DE
[22] 1998-09-08
[43] 1999-03-08
[30] DE (197 39 317.9) 1997-09-08

[21] **2,246,780**
[13] A1

[51] Int.Cl. 6H4L12/16 6H4N7/173
[25] EN
[54] COMMUNICATION NETWORK
[54] RESEAU DE COMMUNICATION
[72] TRELEAVEN, Philip C., GB
[72] JOHNSON, Graham I., GB
[72] EMMOTT, Stephen J., GB
[71] NCR CORPORATION, US
[22] 1998-09-08
[43] 1999-03-10
[30] GB (9719289.2) 1997-09-10

[21] **2,246,781**
[13] A1

[51] Int.Cl. 6C9D11/02 6B41M3/06
[25] EN
[54] ULTRAVIOLET FLUORESCENT INK FOR NON-CONTACT INK JET PRINTERS
[54] ENCRE FLUORESCENTE A L'ULTRAVIOLET POUR IMPRIMANTES A JET D'ENCRE SANS CONTACT
[72] BHATT, Bipin G., US
[71] SCITEX DIGITAL PRINTING, INC., US
[22] 1998-09-01
[43] 1999-03-08
[30] US (08/925,404) 1997-09-08

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,788**
 [13] A1

[51] **Int.Cl. 6C7D251/04 6C10L1/22**
 [25] EN
 [54] **FUEL COMPOSITIONS CONTAINING N-SUBSTITUTED PERHYDRO-S-TRIAZINES**
 [54] **COMPOSITIONS DE CARBURANT CONTENANT DES PERHYDRO-S-TRIAZINES DONT LES ATOMES D'AZOTE SONT SUBSTITUES**
 [72] ADAMS, Paul E., US
 [72] ABRAHAM, William D., US
 [72] JACKSON, Mitchell M., US
 [72] DALY, Daniel T., US
 [72] WOLLENBERG, Kurt F., US
 [72] WOLAK, Thomas J., US
 [71] THE LUBRIZOL CORPORATION, US
 [22] 1998-09-08
 [43] 1999-03-11
 [30] US (08/927,734) 1997-09-11

[21] **2,246,810**
 [13] A1

[51] **Int.Cl. 6B8B9/02**
 [25] EN
 [54] **EASY INSERT TUBE CLEANER**
 [54] **NETTOIE-TUBE FACILE A INSERER**
 [72] SAXON, Gregory J., US
 [72] KRYSICKI, Jerzy, US
 [71] CONCO SYSTEMS, INC., US
 [22] 1998-09-08
 [43] 1999-03-12
 [30] US (08/928,847) 1997-09-12

[21] **2,246,812**
 [13] A1

[51] **Int.Cl. 6B60S1/38**
 [25] EN
 [54] **WIPER BLADE WITH WEDGE-SHAPED NECK**
 [54] **LAME D'ESSUIE-GLACE AVEC COL CUNEIFORME**
 [72] STRATTON, Donald W., US
 [72] FISHER, Brian A., US
 [71] COOPER INDUSTRIES, INC., US
 [22] 1998-09-08
 [43] 1999-03-10
 [30] US (08/926,427) 1997-09-10

[21] **2,246,814**
 [13] A1

[51] **Int.Cl. 6C7C315/06**
 [25] EN
 [54] **SEPARATION OF INORGANIC SALTS FROM DIMETHYL SULFOXIDE**
 [54] **SEPARATION DE SELS MINERAUX DU SULFOXYDE DE DIMETHYLE**
 [72] HAGER, James L., US
 [71] WRR ENVIRONMENTAL SERVICES CO., INC., US
 [22] 1998-09-04
 [43] 1999-03-09
 [30] US (08/926,003) 1997-09-09

[21] **2,246,821**
 [13] A1

[51] **Int.Cl. 6G2B6/18**
 [25] EN
 [54] **LOW ATTENUATION OPTICAL WAVEGUIDE**
 [54] **GUIDE OPTIQUE A FAIBLE AFFAIBLISSEMENT**
 [72] JONES, Peter Christopher, US
 [72] SMITH, David Kinney, US
 [72] MA, Daiping, US
 [71] CORNING INCORPORATED, US
 [22] 1998-09-08
 [43] 1999-03-12
 [30] US (60/058,774) 1997-09-12

[21] **2,246,823**
 [13] A1

[51] **Int.Cl. 6F16H7/02 6F16H55/17 6F16H1/28**
 [25] EN
 [54] **BELT DRIVE**
 [54] **ENTRAINEMENT PAR COURROIE**
 [72] KÖLLING, Rudi, DE
 [71] BRECO ANTRIEBSTECHNIK BREHER GBMH & CO., DE
 [22] 1998-09-04
 [43] 1999-03-08
 [30] DE (297 23 242.8) 1997-09-08
 [30] DE (198 10 596.7) 1998-03-11

[21] **2,246,824**
 [13] A1

[51] **Int.Cl. 6H4B1/16 6H4H1/00 6H4L27/00**
 [25] EN
 [54] **DETECTION METHOD FOR THE TRANSMITTER IDENTIFICATION INFORMATION SIGNAL IN THE NULL SYMBOL OF A DAB STREAM**
 [54] **METHODE DE DETECTION DU SIGNAL D'IDENTIFICATION DE L'EMETTEUR DANS LE SYMBOLE NUL D'UNE CHAINE DE RADIODIFFUSION NUMERIQUE**
 [72] SCHÄFER, Wolfgang, DE
 [72] GRÄSSLE, Jürgen, DE
 [72] ZUMKELLER, Markus, DE
 [71] SONY INTERNATIONAL (EUROPE) GMBH, DE
 [22] 1998-09-04
 [43] 1999-03-09
 [30] EP (97115649.2) 1997-09-09

[21] **2,246,825**
 [13] A1

[51] **Int.Cl. 6H1R11/01 6H1B7/04**
 [25] EN
 [54] **WOVEN MESH INTERCONNECT**
 [54] **TREILLIS D'INTERCONNEXION**
 [72] MILLAY, Arthur, US
 [72] RASSIER, Daniel W., US
 [72] BUCHOFF, Leonard S., US
 [72] STRANGE, Andrew H., US
 [72] MacINNES, Steven K., US
 [71] THOMAS & BETTS INTERNATIONAL, INC., US
 [22] 1998-09-04
 [43] 1999-03-08
 [30] US (60/058,379) 1997-09-08
 [30] US (09/145,089) 1998-09-01

[21] **2,246,829**
 [13] A1

[51] **Int.Cl. 6B64D15/20**
 [25] FR
 [54] **DISPOSITIF OPTIQUE DE DETECTION DE CONDITIONS GIVRANTES SUR AERONEF**
 [54] **OPTICAL DEVICE FOR DETECTING ICING CONDITIONS ON AN AIRCRAFT**
 [72] NAIM, Monique, FR
 [72] CHOISNET, Joel, FR
 [72] BRED A, Jean-Marc, FR
 [71] SEXTANT AVIONIQUE, FR
 [22] 1998-09-04
 [43] 1999-03-09
 [30] FR (97 11161) 1997-09-09

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,830**
[13] A1

[51] Int.Cl. 6H4L29/02 6H4L12/40
[25] EN
[54] COMMUNICATION CONTROL METHOD AND APPARATUS, AND COMMUNICATION SYSTEM
[54] METHODE ET APPAREIL DE CONTROLE DES COMMUNICATIONS ET SYSTEME DE COMMUNICATION
[72] SHIMURA, Akihiro, JP
[72] ISODA, Takashi, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 1998-09-08
[43] 1999-03-09
[30] JP (9-244430) 1997-09-09

[21] **2,246,833**
[13] A1

[51] Int.Cl. 6B65H1/00 6B65H1/26
[25] EN
[54] PACKAGING FOR CIGARETTE PAPERS AND BLANK FOR THIS PURPOSE
[54] EMBALLAGE POUR PAPIERS A CIGARETTES ET FLAN POUR LA PRODUCTION DE CELUI-CI
[72] SCHÜTZE, Gunter, DE
[72] RUPPERT, Heinrich W., DE
[71] EFKA-WERKE FRITZ KIEHN GMBH, DE
[22] 1998-09-08
[43] 1999-03-09
[30] DE (297 16 193.8) 1997-09-09
[30] DE (297 18 677.9) 1997-10-21

[21] **2,246,834**
[13] A1

[51] Int.Cl. 6B44D5/10 6B44D2/00 6B44F9/04
[25] EN
[54] DECORATIVE PAINTING APPARATUS AND METHOD
[54] APPAREIL ET METHODE DE PEINTURE DECORATIVE
[72] JENNINGS-TOLCHINER, Barbara, US
[71] JENNINGS-TOLCHINER, Barbara, US
[22] 1998-09-08
[43] 1999-03-08
[30] US (08/925,948) 1997-09-08

[21] **2,246,838**
[13] A1

[51] Int.Cl. 6H1R23/00 6H1R9/09 6H1R23/70
[25] EN
[54] DUAL-BEAM CONTACTS HAVING A REALIGNMENT TWIST FOR GANG INSERTION INTO AN INSULATOR HOUSING
[54] CONTACTS A DOUBLE FAISCEAU AVEC TORSION D'ALIGNEMENT POUR INSERTION GROUPEE A L'INTERIEUR D'UN BOITIER ISOLANT DE CONNECTEUR
[72] WEBER, Dale A., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 1998-09-09
[43] 1999-03-09
[30] US (60/058,303) 1997-09-09
[30] US (09/148,951) 1998-09-08

[21] **2,246,842**
[13] A1

[51] Int.Cl. 6A61K49/00 6G1N33/58
[25] EN
[54] REAGENT FOR EVALUATING A HEPATIC OPERATION
[54] REACTIF POUR EVALUER UNE OPERATION HEPATIQUE
[72] SHIBATA, Kunihiko, JP
[72] KOHNO, Tadashi, JP
[72] HOSOI, Isaburo, JP
[72] OHSHIMA, Junko, JP
[72] ITO, Asuka, JP
[71] TOKYO GAS COMPANY LIMITED, JP
[22] 1998-09-08
[43] 1999-03-11
[30] JP (246688/1997) 1997-09-11
[30] JP (357619/1997) 1997-12-25
[30] JP (222914/1998) 1998-08-06

[21] **2,246,843**
[13] A1

[51] Int.Cl. 6H4L12/16 6G6F17/60 6H4L12/12
[25] EN
[54] PUBLIC COMMUNICATIONS SERVICES DISTRIBUTION METHOD AND APPARATUS
[54] APPAREIL ET METHODE DE DISTRIBUTION DE SERVICES PUBLICS DE COMMUNICATIONS
[72] FIELDING, Bruce Allen, CA
[72] ISGRO, Nick, CA
[72] JANSEN, Bernard Gerald, CA
[72] JUDD, James Marshall, US
[72] HILLSON, Andrew Raines, CA
[72] McDONALD, John Maurice, CA
[71] NORTHERN TELECOM LIMITED, CA
[22] 1998-09-09
[43] 1999-03-12
[30] US (08/928,517) 1997-09-12

[21] **2,246,844**
[13] A1

[51] Int.Cl. 6H4L12/14 6H4L12/16 6H4L12/12
[25] EN
[54] METHOD AND APPARATUS FOR RECORDING ACTUAL TIME USED BY A SERVICE WHICH MAKES REQUESTS FOR DATA
[54] METHODE ET APPAREIL D'ENREGISTREMENT DU TEMPS REEL UTILISE PAR UN SERVICE QUI DEMANDE DES DONNEES
[72] DICKIE, Douglas Brock, CA
[72] HILLSON, Andrew Raines, CA
[71] NORTHERN TELECOM LIMITED, CA
[22] 1998-09-09
[43] 1999-03-12
[30] US (08/928,518) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,845**
 [13] A1

[51] **Int.Cl. 6B65G47/244**
 [25] EN
 [54] **APPARATUS FOR ROTATING PRODUCTS ACCUMULATING IN AN IMBRICATED FORMATION**
 [54] **APPAREIL POUR FAIRE TOURNER DES PRODUITS S'ACCUMULANT EN FORMATION IMBRIQUEE**
 [72] LEU, Willy, CH
 [72] MÄDER, Carl Conrad, CH
 [71] FERAG AG, CH
 [22] 1998-09-09
 [43] 1999-03-10
 [30] CH (1997 2132/97) 1997-09-10

[21] **2,246,846**
 [13] A1

[51] **Int.Cl. 6B60K6/02 6B60K6/06**
 [25] EN
 [54] **HYBRID VEHICLE PROPULSION APPARATUS**
 [54] **APPAREIL DE PROPULSION D'UN VEHICULE HYBRIDE**
 [72] TAGUCHI, Takashi, JP
 [72] MURATA, Masashi, JP
 [72] OHSAKI, Hirokazu, JP
 [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-09-09
 [43] 1999-03-12
 [30] JP (9-249216) 1997-09-12

[21] **2,246,848**
 [13] A1

[51] **Int.Cl. 6F1M3/00 6F1M13/04 6B63H20/00**
 [25] EN
 [54] **FOUR-CYCLE ENGINE FOR OUT-BOARD MOTOR**
 [54] **MOTEUR A QUATRE TEMPS POUR MOTEUR HORS BORD**
 [72] TSUNODA, Masaki, JP
 [72] SHIMAZAKI, Wataru, JP
 [72] OKA, Kouichi, JP
 [72] SHIDAHARA, Sadafumi, JP
 [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
 [22] 1998-09-11
 [43] 1999-03-12
 [30] JP (9-248432) 1997-09-12

[21] **2,246,849**
 [13] A1

[51] **Int.Cl. 6A47J31/02 6A47J31/06**
 [25] EN
 [54] **DISPOSABLE BEVERAGE BREWING SYSTEM**
 [54] **SYSTEME JETABLE SERVANT A PREPARER UNE BOISSON FILTRE**
 [72] SWOBODA, Dean P., US
 [72] PATTERSON, Robert, US
 [72] WHITMORE, Rebecca E., US
 [72] BOWERS, Debra D., US
 [71] FORT JAMES CORPORATION, US
 [22] 1998-09-11
 [43] 1999-03-11
 [30] US (60 058,560) 1997-09-11

[21] **2,246,853**
 [13] A1

[51] **Int.Cl. 6A23P1/08**
 [25] EN
 [54] **DEVICE FOR COATING WITH BREADCRUMBS**
 [54] **DISPOSITIF D'ENROBAGE AVEC DE LA CHAPELURE**
 [72] KUENEN, Hendrikus Antonius Jacobus, NL
 [71] KOPPENS B.V., NL
 [22] 1998-09-11
 [43] 1999-03-12
 [30] NL (1007032) 1997-09-12

[21] **2,246,855**
 [13] A1

[51] **Int.Cl. 6E6B1/34 6A47H33/00**
 [25] EN
 [54] **FOAM-FILLED DECORATIVE MUNTIN BAR FOR WINDOWS AND THE LIKE**
 [54] **LATTES DECORATIVES REMPLIES DE MOUSSE POUR FENETRES ET AUTRES ARTICLES CONNEXES**
 [72] DONALDSON, John K., CA
 [71] BAY MILLS LIMITED, CA
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (08/928,727) 1997-09-12

[21] **2,246,856**
 [13] A1

[51] **Int.Cl. 6F1D11/00 6F1D25/00**
 [25] EN
 [54] **SEAL DEVICE BETWEEN FASTENING BOLT AND BOLTHOLE IN GAS TURBINE DISC**
 [54] **DISPOSITIF D'ETANCHEITE ENTRE UN BOULON DE FIXATION ET UN TROU DE BOULON DANS UN DISQUE DE TURBINE A GAZ**
 [72] CHIKAMI, Rintaro, JP
 [72] HIROKAWA, Kazuharu, JP
 [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
 [22] 1998-09-11
 [43] 1999-03-11
 [30] JP (9-246765) 1997-09-11

[21] **2,246,858**
 [13] A1

[51] **Int.Cl. 6C23C2/06 6C23C2/28**
 [25] FR
 [54] **PROCEDE POUR LA FABRICATION D'UNE TOLE D'ACIER GALVANISE ALLIE SANS PHASE DZETA EN SURFACE**
 [54] **PROCESS FOR MANUFACTURING GALVANIZED STEEL SHEETING WITHOUT DZETA PHASE ON THE SURFACE**
 [72] MOREAU, Thierry, FR
 [72] PRAT, Jean-Michel, FR
 [72] SIX, Thérèse, FR
 [71] SOLLAC, FR
 [22] 1998-09-08
 [43] 1999-03-09
 [30] FR (97 11144) 1997-09-09

[21] **2,246,861**
 [13] A1

[51] **Int.Cl. 6E3B9/02**
 [25] EN
 [54] **WATER SAVER FIRE HYDRANT**
 [54] **POTEAU D'INCENDIE ECONOMISEUR D'EAU**
 [72] HONIGSBAUM, Richard, US
 [71] HONIGSBAUM, Richard, US
 [22] 1998-09-08
 [43] 1999-03-08
 [30] US (60 058,182) 1997-09-08

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,870**
[13] A1
[51] Int.Cl. 6B28B19/00 6B28B1/38
6C4B35/624
[25] EN
[54] METHOD FOR PRODUCING ENGINEERED MATERIALS FROM SALT/POLYMER AQUEOUS SOLUTIONS
[54] METHODE POUR LA PRODUCTION DE MATIERES CONCUES SPECIALEMENT A PARTIR DE SOLUTIONS AQUEUSES DE SEL ET DE POLYMER
[72] ONG, Estela, US
[71] INSTITUTE OF GAS TECHNOLOGY, US
[22] 1998-09-08
[43] 1999-03-08
[30] US (925,581) 1997-09-08

[21] **2,246,874**
[13] A1
[51] Int.Cl. 6B60P7/16 6B60P7/00
[25] EN
[54] LADING TIE-DOWN STRAP PROTECTOR
[54] DISPOSITIF DE PROTECTION POUR COURROIE D'ARRIMAGE
[72] BEALS, Stephen H., US
[71] IRECO, INC., US
[22] 1998-09-08
[43] 1999-03-08
[30] US (08/929,182) 1997-09-08

[21] **2,246,880**
[13] A1
[51] Int.Cl. 6A47B88/04
[25] EN
[54] DRAWER FOR STANDARDIZED FURNITURE
[54] TIROIR POUR ELEMENT DE MOBILIER STANDARD
[72] DAVIS, Gregory K., US
[72] MILLER, Grover L., US
[72] HENRIOTT, Jay M., US
[72] SCHNELL, Chad M., US
[71] KIMBALL INTERNATIONAL, INC., US
[22] 1998-09-08
[43] 1999-03-09
[30] US (60/058,311) 1997-09-09
[30] US (09/146,479) 1998-09-03

[21] **2,246,883**
[13] A1
[51] Int.Cl. 6A47B91/02 6B60B33/04
6B60B33/00
[25] EN
[54] STANDARDIZED FURNITURE UNIT AND BRACKET THEREFOR
[54] MOBILIER STANDARDISE ET SUPPORT UTILISE POUR SON ASSEMBLAGE
[72] SCHNELL, Chad M., US
[72] MILLER, Grover L., US
[72] HENRIOTT, Jay M., US
[71] KIMBALL INTERNATIONAL, INC., US
[22] 1998-09-08
[43] 1999-03-09
[30] US (60/058,311) 1997-09-09
[30] US (09/145,768) 1998-09-02

[21] **2,246,884**
[13] A1
[51] Int.Cl. 6F16H61/28
[25] EN
[54] ELECTRIC-POWER-ASSIST-TYPE TRANSMISSION AND ITS CONTROL METHOD
[54] SERVO-TRANSMISSION ELECTRIQUE ET METHODE DE COMMANDE
[72] OTA, Atsuo, JP
[72] MOHARA, Toshinari, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-09-10
[43] 1999-03-13
[30] JP (HEI-9-268191) 1997-09-13
[30] JP (HEI-9-268197) 1997-09-13

[21] **2,246,888**
[13] A1
[51] Int.Cl. 6C9D5/18
[25] EN
[54] INTUMESCENT COATING STABLE UNDER TROPICAL CONDITIONS
[54] REVETEMENT INTUMESCENT STABLE DANS DES CONDITIONS TROPICALES
[72] PIRIG, Wolf-Dieter, DE
[72] THIEWES, Volker, DE
[72] ROTHKAMP, Susanne, DE
[71] CLARIANT GMBH, DE
[22] 1998-09-10
[43] 1999-03-11
[30] DE (197 39 730.1) 1997-09-11
[30] DE (198 35 463.0) 1998-08-06

[21] **2,246,889**
[13] A1
[51] Int.Cl. 6C12N9/02 6C12N5/10
6C12H1/15 6C12N1/19 6C12N1/21
6C12C7/28
[25] EN
[54] MALT BEVERAGE HAVING STABILIZED FLAVOR AND METHODS OF PRODUCTION THEREOF
[54] BOISSON AU MALT POSSEDANT UNE SAVEUR STABILISEE ET METHODES POUR SA PRODUCTION
[72] BRAVO, Adriana, VE
[72] RANGEL-ALDAO, Rafael, VE
[72] SANCHEZ, Beatriz, VE
[72] GALINDO-CASTRO, Ivan, VE
[71] BRAVO, Adriana, VE
[71] RANGEL-ALDAO, Rafael, VE
[71] SANCHEZ, Beatriz, VE
[71] GALINDO-CASTRO, Ivan, VE
[22] 1998-09-09
[43] 1999-03-09
[30] US (60/058,398) 1997-09-09

[21] **2,246,890**
[13] A1
[51] Int.Cl. 6B62D7/18
[25] EN
[54] STEERING KNUCKLE ASSEMBLY WITH LUBRICATION SYSTEM
[54] ENSEMBLE DE FUSEE DE DIRECTION AVEC SYSTME DE LUBRIFICATION
[72] WHITE, Jay D., US
[72] STROH, Clinton B., US
[71] SANFORD ACQUISITION COMPANY, US
[22] 1998-09-08
[43] 1999-03-09
[30] US (08/926,199) 1997-09-09

[21] **2,246,894**
[13] A1
[51] Int.Cl. 6G1N33/543 6C7K1/22
[25] EN
[54] LIGAND BINDING SURFACES
[54] SURFACES DE LIAISON POUR LIGANDS
[72] EDGAR, Heather Anne, GB
[72] HIPKISS, Jayne Beverley, GB
[72] LOWBRIDGE, Dymphna Ann, GB
[72] DAWKES, Adrian Charles, GB
[71] ORTHO-CLINICAL DIAGNOSTICS, GB
[22] 1998-09-08
[43] 1999-03-09
[30] GB (9719140.7) 1997-09-09

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,895**
 [13] A1

[51] **Int.Cl. 6A61L15/32 6A61L15/64 6A61L27/00**
 [25] EN
 [54] **BUFFERED WOUND DRESSING MATERIALS**
 [54] **MATIERES TAMPONEES POUR PANSEMENTS**
 [72] TARLTON, John, GB
 [72] WATT, Paul William, GB
 [71] JOHNSON & JOHNSON MEDICAL LTD., US
 [22] 1998-09-10
 [43] 1999-03-11
 [30] GB (9719358.5) 1997-09-11

[21] **2,246,896**
 [13] A1

[51] **Int.Cl. 6G1N33/569 6G1N33/576**
 [25] EN
 [54] **IMMUNOASSAY UTILIZING TWO INCUBATIONS WITH LABELLED ANTIGEN**
 [54] **DOSAGE IMMUNOLOGIQUE UTILISANT DEUX INCUBATIONS AVEC UN ANTIGENE MARQUE**
 [72] GLOVER, Justin Mark, GB
 [71] ORTHO-CLINICAL DIAGNOSTICS, GB
 [22] 1998-09-08
 [43] 1999-03-11
 [30] GB (9719357.7) 1997-09-11

[21] **2,246,897**
 [13] A1

[51] **Int.Cl. 6H4J14/02 6H4B10/20**
 [25] EN
 [54] **OPTICAL FIBER SUBSCRIBER NETWORK**
 [54] **RESEAU D'ABONNES A FIBRES OPTIQUES**
 [72] CHOE, Won-Ha, KR
 [72] KIM, Jin-Han, KR
 [72] LEE, Soong-Hee, KR
 [71] SAMSUNG ELECTRONICS CO., LTD., KR
 [22] 1998-09-10
 [43] 1999-03-12
 [30] KR (47032.1997) 1997-09-12

[21] **2,246,899**
 [13] A1

[51] **Int.Cl. 6E4B9/18 6E4B9/14**
 [25] EN
 [54] **SUSPENDED CEILING CROSS TEE END CONNECTOR**
 [54] **RACCORD D'EXTREMITE POUR UN TE TRANSVERSAL DE PLAFOND SUSPENDU**
 [72] MIEYAL, David F., US
 [71] BAILEY METAL PRODUCTS LIMITED, CA
 [22] 1998-09-10
 [43] 1999-03-10
 [30] US (08.927.033) 1997-09-10

[21] **2,246,901**
 [13] A1

[51] **Int.Cl. 6G10L9/14**
 [25] EN
 [54] **A METHOD FOR IMPROVING PERFORMANCE OF A VOICE CODER**
 [54] **METHODE POUR AMELIORER LA PERFORMANCE D'UN VOCODEUR**
 [72] PARK, Ho-Chong, KR
 [71] SAMSUNG ELECTRONICS CO., LTD., KR
 [22] 1998-09-10
 [43] 1999-03-10
 [30] KR (1997-45606) 1997-09-10
 [30] KR (1997-65487) 1997-12-03

[21] **2,246,902**
 [13] A1

[51] **Int.Cl. 6A47D13/02 6B60N2/28**
 [25] EN
 [54] **JUVENILE CARRIER WITH MOVABLE CANOPY**
 [54] **PORTE-BEBE AVEC PARE-SOLEIL AMOVIBLE**
 [72] LONGENECKER, Michael L., US
 [71] GRACO CHILDREN'S PRODUCTS, INC., US
 [22] 1998-09-10
 [43] 1999-03-10
 [30] US (08.927.398) 1997-09-10

[21] **2,246,904**
 [13] A1

[51] **Int.Cl. 6A1K1/01**
 [25] EN
 [54] **CLEANING SYSTEM AND METHOD FOR ANIMAL BARN**
 [54] **SYSTEME ET METHODE DE NETTOYAGE POUR ETABLE**
 [72] TELENIOUS, Haken, CA
 [71] TELENIOUS, Haken, CA
 [22] 1998-09-10
 [43] 1999-03-10
 [30] US (60.058.430) 1997-09-10

[21] **2,246,905**
 [13] A1

[51] **Int.Cl. 6F21L1/00 6F21L15/02 6F21V23/06 6F21L15/20 6F21V21/30**
 [25] EN
 [54] **FOLDABLE WORKLIGHT WITH TRANSLUCENT LENS**
 [54] **LAMPE DE TRAVAIL REPLIABLE AVEC LENTILLE TRANSLUCIDE**
 [72] GROSSMAN, M. Gary, US
 [72] BALLONE, Michael, US
 [72] KIELY, John, US
 [72] VAN DYK, Thomas, US
 [71] REGENT LIGHTING CORPORATION, US
 [22] 1998-09-09
 [43] 1999-03-11
 [30] US (08.927.429) 1997-09-11

[21] **2,246,910**
 [13] A1

[51] **Int.Cl. 6H2J3/00**
 [25] EN
 [54] **ELECTRIC SERIES CIRCUIT**
 [54] **CIRCUIT SERIE**
 [72] GERSHEN, Bernard, US
 [72] BRENNER, Stanley S., US
 [71] LEVITON MANUFACTURING CO., INC., US
 [22] 1998-09-09
 [43] 1999-03-10
 [30] US (08.926.856) 1997-09-10

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,911**
[13] A1

[51] Int.Cl. 6B60K6/02 6B60K6/06
[25] EN
[54] **HYBRID VEHICLE PROPULSION APPARATUS**
[54] **APPAREIL DE PROPULSION POUR VEHICULE HYBRIDE**
[72] TANAKA, Shigekazu, JP
[72] MARUYAMA, Taiji, JP
[72] KOBAYASHI, Makoto, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-09-09
[43] 1999-03-12
[30] JP (9-249209) 1997-09-12
[30] JP (9-249219) 1997-09-12

[21] **2,246,912**
[13] A1

[51] Int.Cl. 6B60K15/035
[25] EN
[54] **AIR VENT APPARATUS FOR AUXILIARY FUEL TANK IN POWER UNIT**
[54] **DISPOSITIF D'EVACUATION DES VAPEURS DE CARBURANT D'UN RESERVOIR AUXILIAIRE D'UN GROUPE DE PROPULSION**
[72] SHIDARA, Sadafumi, JP
[72] WADA, Tetsu, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-09-10
[43] 1999-03-12
[30] JP (9-248100) 1997-09-12

[21] **2,246,914**
[13] A1

[51] Int.Cl. 6B65H75/40
[25] EN
[54] **IMPROVED ROTATABLE HANDLE FOR DISPOSABLE SPOOL**
[54] **SUPPORT AMELIORE A POIGNEE ROTATIVE POUR BOBINE JETABLE**
[72] BLACK, Ronald L., US
[72] BLACK, Wesley F., US
[72] BLACK, Charles D., US
[72] BLACK, Robert J., US
[71] BLACK, Ronald L., US
[71] BLACK, Wesley F., US
[71] BLACK, Charles D., US
[71] BLACK, Robert J., US
[22] 1998-09-08
[43] 1999-03-09
[30] US (08/925,806) 1997-09-09

[21] **2,246,923**
[13] A1

[51] Int.Cl. 6B62B9/28 6B60N2/28 6B62B9/00 6A47D13/02
[25] EN
[54] **INFANT CARRIER MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE PORTE-BEBE**
[72] HAUT, Robert E., US
[72] LONGENECKER, Michael L., US
[72] PIKE, Robert T., US
[71] GRACO CHILDREN'S PRODUCTS, INC., US
[22] 1998-09-10
[43] 1999-03-10
[30] US (08/927,019) 1997-09-10

[21] **2,246,924**
[13] A1

[51] Int.Cl. 6B5D11/12 6B5B12/02 6B5B13/02
[25] EN
[54] **IMPROVED POWDER FEEDING APPARATUS FOR THREADED ARTICLES**
[54] **APPAREIL AMELIORE D'AMEENEE DE POUDRE POUR ARTICLES FILETES**
[72] DUFFY, Richard J., US
[72] SESSA, Eugene, US
[71] NYLOK FASTENER CORPORATION, US
[22] 1998-09-10
[43] 1999-03-10
[30] US (08/926,601) 1997-09-10

[21] **2,246,925**
[13] A1

[51] Int.Cl. 6H4Q7/32
[25] EN
[54] **MOBILE TELECOMMUNICATION APPARATUS**
[54] **APPAREIL DE TELECOMMUNICATION MOBILE**
[72] MATSUDA, Terukazu, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 1998-09-10
[43] 1999-03-11
[30] JP (9-246569) 1997-09-11

[21] **2,246,926**
[13] A1

[51] Int.Cl. 6B24B9/00 6B24B27/033 6B23B51/10
[25] EN
[54] **CENTRIFUGALLY CONTROLLED COUNTERSINKING AND DEBURRING TOOL**
[54] **OUTIL DE FRAISAGE ET D'EBARAGE A COMMANDE CENTRIFUGE**
[72] HEULE, Heinrich, CH
[72] LIPPUNER, Werner, CH
[71] HEULE, Ulf, CH
[22] 1998-09-10
[43] 1999-03-10
[30] DE (197 39 621.6) 1997-09-10

[21] **2,246,927**
[13] A1

[51] Int.Cl. 6G1B11/00 6G1B11/08 6G1S17/08
[25] EN
[54] **NON-CONTACT MEASURING APPARATUS**
[54] **APPAREIL DE MESURE - DISTANCE**
[72] CLARKE, Timothy Alan, GB
[72] HATCH, Clive, GB
[72] GOOCH, Richard Michael, GB
[72] OCKLESTON, Grant Andrew, NZ
[71] THAMES WATER UTILITIES LIMITED, GB
[22] 1998-09-11
[43] 1999-03-12
[30] GB (9719514.3) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] 2,246,928
 [13] A1

[51] Int.Cl. 6C7C59/74 6C7C235/78
 6C12P13/02 6C7C69/035 6A61K31/11
 6C7C327/12 6A61K31/16 6A61K31/19
 6A61K31/215 6C7C327/22 6C12P7/24
 6C7C49/258 6A61K31/265 6C12P7/42
 6C7C47/565
 [51] 6C7C47/575 6C7C69/73
 [25] EN
 [54] NOVEL PHTHALALDEHYDE DERIVATIVES, PROCESS FOR THEIR PREPARATION, AND THEIR USE
 [54] DERIVES DE PHTHALALDEHYDE NOUVEAUX, PROCESSUS DE PREPARATION ET UTILISATION
 [72] KURZ, Michael, DE
 [72] STUMP, Heike, DE
 [72] VERTESY, Laszlo, DE
 [72] SCHINDLER, Peter, DE
 [71] HOECHST MARION ROUSSEL DEUTSCHLAND GMBH, DE
 [22] 1998-09-11
 [43] 1999-03-12
 [30] DE (19740080.9) 1997-09-12

[21] 2,246,929
 [13] A1

[51] Int.Cl. 6H1P5/12 6H4B7/185 6H4B1/00
 [25] EN
 [54] COMPACT REDUNDANCY COMBINER ASSEMBLY AND METHOD OF OPERATION THEREOF
 [54] DISPOSITIF COMBINEUR COMPACT A REDONDANCE ET METHODE D'EXPLOITATION ASSOCIEE
 [72] EVANS, Gwyn, GB
 [71] COM DEV LTD., GB
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (60/058,862) 1997-09-12
 [30] US (60/058,885) 1997-09-15

[21] 2,246,930
 [13] A1

[51] Int.Cl. 6C4B16/04 6E4D1/12 6E1C7/35
 6C4B24/36 6E4B1/84
 [25] EN
 [54] ADDITIVE FOR, METHOD OF ADDING THEREOF AND RESULTING CURED CEMENT-TYPE CONCRETEATIONS FOR IMPROVED HEAT AND FREEZE-THAW DURABILITY
 [54] ADJUVANT ENTRANT DANS LA FABRICATION DE PRODUITS EN BETON, METHODE D'INCORPORATION DE L'ADJUVANT EN QUESTION, ET PRODUITS EN BETON RESULTANTS, DESTINES A PRESENTER UNE MEILLEURE RESISTANCE A LA CHALEUR ET AUX CYCLES DE GEL ET DE DEGEL
 [72] SUPPLEE, William W., US
 [71] SUPPLEE, William W., US
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (08/928,730) 1997-09-12

[21] 2,246,932
 [13] A1

[51] Int.Cl. 6G1N7/04 6B5B12/08
 [25] EN
 [54] A METHOD OF OPERATING A COATING APPARATUS AND A MEASUREMENT APPARATUS THEREFOR
 [54] MODE D'EMPLOI D'UN APPAREIL DE REVETEMENT ET D'UN APPAREIL DE MESURE CONNEXE
 [72] HOFER, Hans-Hebert, DE
 [72] SANGL, Reinhard, DE
 [72] RAUCH, Rainer, DE
 [72] WEIGL, Josef, DE
 [71] HOFER, Hans-Hebert, DE
 [71] SANGL, Reinhard, DE
 [71] RAUCH, Rainer, DE
 [71] WEIGL, Josef, DE
 [22] 1998-09-10
 [43] 1999-03-11
 [30] DE (197 40 018.3) 1997-09-11

[21] 2,246,933
 [13] A1

[51] Int.Cl. 6G6F17/60 6G6F13/14
 [25] EN
 [54] METHOD AND SYSTEM FOR PLACING A PURCHASE ORDER VIA A COMMUNICATIONS NETWORK
 [54] METHODE ET SYSTEME DE COMMANDE D'ARTICLES SUR UN RESEAU DE TELECOMMUNICATION
 [72] SPIEGEL, Joel, US
 [72] KAPHAN, Shel, US
 [72] BEZOS, Jeffrey P., US
 [72] HARTMAN, Pen, US
 [71] AMAZON.COM, INC., US
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (08/928,951) 1997-09-12
 [30] US (09/046,503) 1998-03-23

[21] 2,246,934
 [13] A1

[51] Int.Cl. 6B60K17/22 6F16C3/02
 [25] EN
 [54] DRIVESHAFT ASSEMBLY WITH VENTED NOISE REDUCTION STRUCTURE
 [54] ENSEMBLE D'ARBRE D'ENTRAINEMENT EQUIPE D'UNE STRUCTURE DE REDUCTION DU BRUIT AEREE
 [72] BREESE, Douglas E., US
 [72] STEVENS, Kellie L., US
 [71] DANA CORPORATION, US
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (08/928,991) 1997-09-12

[21] 2,246,936
 [13] A1

[51] Int.Cl. 6F16L13/14 6F16L21/00
 [25] EN
 [54] CONNECTION OF A METAL PIPE WITH A METAL SLEEVE
 [54] RACCORD D'UN TUYAU METALLIQUE AVEC UNE CHEMISE METALLIQUE
 [72] UDHÖFER, Andreas, DE
 [71] PARKER-HANNIFIN GMBH, DE
 [22] 1998-09-11
 [43] 1999-03-12
 [30] DE (P 197 40 144.9) 1997-09-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,246,937**
[13] A1
[51] **Int.Cl. 6G3B27/32**
[25] EN
[54] **APPARATUS FOR PRODUCING PHOTOGRAPHIC PRINTS**
[54] **APPAREIL DE PRODUCTION D'IMPRIMES PHOTOGRAPHIQUES**
[72] FRICK, Beat, CH
[71] GRETAG IMAGING AG, CH
[22] 1998-09-11
[43] 1999-03-12
[30] EP (97 115 930.6) 1997-09-12

[21] **2,246,939**
[13] A1
[51] **Int.Cl. 6E4H4/06 6E4H4/14**
[25] EN
[54] **POOL COVER STORAGE DEVICE**
[54] **DISPOSITIF DE RANGEMENT DE BACHE DE PISCINE**
[72] POWELL, Cynthia, US
[71] POWELL, Cynthia, US
[22] 1998-09-11
[43] 1999-03-12
[30] US (08/928,911) 1997-09-12

[21] **2,246,941**
[13] A1
[51] **Int.Cl. 6C7C275/68 6C7C273/18**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF NITROSOUREA COMPOUNDS**
[54] **METHODE POUR LA PREPARATION DE DERIVES DE NITROSO-UREE**
[72] SAPINO, Chester, US
[72] MCWILLIAMS, Matthew Patrick, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[22] 1998-09-11
[43] 1999-03-13
[30] GB (9719426.0) 1997-09-13

[21] **2,246,954**
[13] A1
[51] **Int.Cl. 6H4H7/00 6H4B7/00 6H4H1/00**
[25] EN
[54] **SIGNAL DISTRIBUTING/SYNTHESIZING APPARATUS**
[54] **DISTRIBUTEUR/SYNTHESEUR DE SIGNAUX**
[72] MAKIYAMA, Joji, JP
[71] NEC CORPORATION, JP
[22] 1998-09-10
[43] 1999-03-11
[30] JP (246745/97) 1997-09-11

[21] **2,246,955**
[13] A1
[51] **Int.Cl. 6H1M10/08 6H1M6/14**
[25] FR
[54] **SOLVANTS ET NOUVELLES COMPOSITIONS ELECTROLYTIQUES POSSEDANT UN LARGE DOMAINE DE STABILITE ET UNE CONDUCTIVITE ELEVEE**
[54] **SOLVENTS AND NOVEL ELECTROLYTIC COMPOSITIONS HAVING A HIGH STABILITY DOMAIN AND HIGH CONDUCTIVITY**
[72] MICHOT, Christophe, CA
[72] BROUILLETTE, Dany, CA
[72] BERGERON, Jean-Yves, CA
[72] BARIL, Daniel, CA
[72] ARMAND, Michel, CA
[71] HYDRO-QUEBEC, CA
[22] 1998-09-10
[43] 1999-03-11
[30] CA (2,215,849) 1997-09-11

[21] **2,246,958**
[13] A1
[51] **Int.Cl. 6G1N22/00 6G1F1/74**
[25] EN
[54] **MICROWAVE TYPE CONCENTRATION MEASURING APPARATUS**
[54] **APPAREIL DE MESURE DE CONCENTRATION PAR MICRO-ONDES**
[72] SUZUKI, Etsumi, JP
[72] YAMAGUCHI, Seiji, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1998-09-10
[43] 1999-03-11
[30] JP (P09-246923) 1997-09-11

[21] **2,246,959**
[13] A1
[51] **Int.Cl. 6B25G3/00 6E4G23/02 6E4F21/165**
[25] EN
[54] **PUTTY KNIFE AND SCRAPER HANDLE**
[54] **MANCHE DE COUTEAU A MAS- TIQUER ET GRATTOIR**
[72] CUMMINGS, Donald P., US
[72] PANACCIONE, Mark T., US
[71] HYDE MANUFACTURING COMPANY, US
[22] 1998-09-10
[43] 1999-03-10
[30] US (08/926,758) 1997-09-10

[21] **2,246,960**
[13] A1
[51] **Int.Cl. 6A63F9/00 6A F9/24**
[25] EN
[54] **DART GAME**
[54] **JEU DE DARDS**
[72] ROWE, Wayne, CA
[71] ROWE, Wayne, CA
[22] 1998-09-10
[43] 1999-03-10
[30] US (08/926,679) 1997-09-10

[21] **2,246,963**
[13] A1
[51] **Int.Cl. 6E6B9/36**
[25] EN
[54] **CONNECTION SYSTEM BETWEEN A CARRIER AND PANTOGRAPH IN THE CONTROL SYSTEM OF A WINDOW COVERING**
[54] **SYSTEME DE RACCORDEMENT ENTRE UN DISPOSITIF PORTEUR ET UN PANTOGRAPHE DANS LE SYSTEME DE COMMANDE D'UN COUVRE-FENETRE**
[72] THOMPSON, Eugene W., US
[72] ANDERSON, Richard N., US
[71] HUNTER DOUGLAS INC., US
[22] 1998-09-10
[43] 1999-03-10
[30] US (60/058,850) 1997-09-10

[21] **2,246,964**
[13] A1
[51] **Int.Cl. 6H4M11/08 6H4L12/16 6H4M17/02**
[25] EN
[54] **PUBLIC COMMUNICATIONS SERVICES VENDING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE DISTRIBUTION AUTOMATIQUE DE SERVICES DE COMMUNICATION PUBLIQUE**
[72] HILLSON, Andrew Raines, CA
[72] DICKIE, Douglas Brock, CA
[72] MANSON, Michael George, CA
[72] CHOW, Alfred, CA
[72] McDONALD, John Maurice, CA
[72] JUDD, James Marshall, US
[72] JANSEN, Bernard Gerald, CA
[72] ISGRO, Nick, CA
[71] NORTHERN TELECOM LIMITED, CA
[22] 1998-09-10
[43] 1999-03-12
[30] US (08/928,519) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,246,988**
 [13] A1
 [51] Int.Cl. 6F41C27/06 6F42B30/04
 [25] EN
 [54] METHOD AND APPARATUS FOR ATTACHING A SUPPLEMENTAL DEVICE TO A MINIMALLY ALTERED HOST FIREARM
 [54] METHODE ET DISPOSITIF DE FIXATION D'UN ACCESSOIRE ADDITIONNEL A UNE ARME A FEU NECES-SITANT DES MODIFICATIONS MINIMALES
 [72] GRIFFIN, Todd, US
 [71] R/M EQUIPMENT, INC., US
 [22] 1998-09-11
 [43] 1999-03-11
 [30] US (60/058,553) 1997-09-11

[21] **2,246,999**
 [13] A1
 [51] Int.Cl. 6E2F9/28 6E2F9/00
 [25] EN
 [54] EXTENSIBLE LOCK
 [54] VERROU EXTENSIBLE
 [72] EMRICH, Robert K., US
 [71] ESCO CORPORATION, US
 [22] 1998-09-09
 [43] 1999-03-10
 [30] US (08/927,013) 1997-09-10

[21] **2,247,003**
 [13] A1
 [51] Int.Cl. 6C9D11/10 6C9D123/08
 [25] EN
 [54] WATER-BASED COATINGS
 [54] ENDUITS A BASE AQUEUSE
 [72] CZEREPINSKI, Ralph G., US
 [72] ECKERSLEY, Sarah T., US
 [71] THE DOW CHEMICAL COMPANY, US
 [22] 1998-09-09
 [43] 1999-03-10
 [30] US (60/058,354) 1997-09-10

[21] **2,247,011**
 [13] A1
 [51] Int.Cl. 6A61K47/00 6A61K47/02 6A61K33/04 6A61K47/10 6A61K9/30 6A61K31/355 6A61K31/375 6A61K31/52
 [25] EN
 [54] STABILIZED PHARMACEUTICAL PREPARATION
 [54] PREPARATION PHARMACEU-TIQUE STABILISEE
 [72] ITOH, Hiroki, JP
 [72] FUKUTA, Makoto, JP
 [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
 [22] 1998-09-09
 [43] 1999-03-10
 [30] JP (245778/1997) 1997-09-10

[21] **2,247,059**
 [13] A1
 [51] Int.Cl. 6B63H23/30
 [25] EN
 [54] POWER TRANSMISSION AR-RANGEMENT FOR AN OUTBOARD MARINE DRIVE
 [54] ASSEMBLAGE DE TRANSMIS-SION POUR COMMANDE DE MOTEUR MARIN AMOVIBLE
 [72] IKUMA, Tomonori, JP
 [72] MIZUGUCHI, Hiroshi, JP
 [72] TANAKA, Mitsuharu, JP
 [71] HONDA GIKEN KOGYO KABUSH-
 IKI KAISHA, JP
 [22] 1998-09-11
 [43] 1999-03-12
 [30] JP (9-249159) 1997-09-12

[21] **2,247,061**
 [13] A1
 [51] Int.Cl. 6B63H21/38 6B63H20/32 6B63H21/36
 [25] EN
 [54] LUBRICATING OIL MANAGING ARRANGEMENT FOR AN OUTBOARD MARINE DRIVE ENGINE
 [54] ARRANGEMENT DE GESTION DE L'HUILE LUBRIFIANTE POUR MO-TEUR MARIN HORS-BORD
 [72] TANAKA, Mitsuharu, JP
 [72] MIZUGUCHI, Hiroshi, JP
 [71] HONDA GIKEN KOGYO KABUSH-
 IKI KAISHA, JP
 [22] 1998-09-11
 [43] 1999-03-12
 [30] JP (9-249166) 1997-09-12

[21] **2,247,166**
 [13] A1
 [51] Int.Cl. 6F16H23/02 6F4B1/12
 [25] EN
 [54] SWASH PLATE TYPE CONTINU-
 OUSLY VARIABLE TRANSMISSION
 [54] TRANSMISSION A CHANGEMENT DE VITESSES CONTINU A PLATEAU OSCILLANT
 [72] NAKAJIMA, Yoshihiro, JP
 [72] HAYASHI, Tsutomu, JP
 [72] SAKAKIBARA, Kenji, JP
 [72] KAYAMA, Hiroaki, JP
 [72] TAKAHASHI, Masako, JP
 [72] OKUZAKI, Hideo, JP
 [71] HONDA GIKEN KOGYO KABUSH-
 IKI KAISHA, JP
 [22] 1998-09-10
 [43] 1999-03-11
 [30] JP (HEI-9-246854) 1997-09-11
 [30] JP (HEI-9-246856) 1997-09-11
 [30] JP (HEI-9-246855) 1997-09-11
 [30] JP (HEI-9-270790) 1997-10-03

[21] **2,247,215**
 [13] A1
 [51] Int.Cl. 6B26D3/28 6B23K37/00
 [25] EN
 [54] PROCESS AND DEVICE FOR RE-MOVING OXIDE SKIN FROM METAL STRIPS
 [54] PROCESSUS ET DISPOSITIF D'EN-
 LEVEMENT DE LA PEAU OXYDEE DE BANDES METALLIQUES
 [72] ZIEMEKE, Gerhard, DE
 [71] ZIEMEKE, Gerhard, DE
 [22] 1998-09-10
 [43] 1999-03-11
 [30] DE (197 39 895.2-14) 1997-09-11

[21] **2,247,224**
 [13] A1
 [51] Int.Cl. 6A61K7/50 6C11D1/65 6C11D1/94 6A61K7/075
 [25] EN
 [54] ANIONIC/CATIONIC MOISTURIZ-
 ING COMPLEX
 [54] COMPLEXE ANIONIQUE/CATIO-
 NIQUE HYDRATANT
 [72] SIMION, F. Anthony, US
 [72] PHIFER, Kevin, US
 [72] ASBURY, M. Tobias, US
 [72] GOTT, Robert E., US
 [72] STORY, David C., US
 [71] THE ANDREW JERGENS COM-
 PANY, US
 [22] 1998-09-11
 [43] 1999-03-12
 [30] US (08/928,726) 1997-09-12

**Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

[21] **2,247,225**
[13] A1
[51] Int.Cl. 6A61K6/10 6C8G65/30
[25] EN
[54] DENTAL COMPOSITIONS ON POLYETHER BASIS
[54] COMPOSITIONS DENTAIRES A BASE DE POLYETHER
[72] WANEK, Erich, DE
[72] LECHNER, Guenther, DE
[72] MIKULLA, Markus, DE
[72] BISSINGER, Peter, DE
[72] ECKHARDT, Gunther, DE
[71] ESPE DENTAL AG, DE
[22] 1998-09-11
[43] 1999-03-12
[30] DE (197 40 234.8) 1997-09-12

[21] **2,247,227**
[13] A1
[51] Int.Cl. 6A61F2/06
[25] EN
[54] COLLET-TYPE CRIMPING TOOL
[54] OUTIL A APPLATIR DOTE D'UNE BAGUE
[72] MORALES, Stephen A., US
[71] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US
[22] 1998-09-11
[43] 1999-03-12
[30] US (08/928,877) 1997-09-12

[21] **2,247,228**
[13] A1
[51] Int.Cl. 6F16L43/00 6F16L41/00
[25] EN
[54] MULTI-CONFIGURATION ACCESS FITTING
[54] PIECE DE RACCORD D'ACCES A CONFIGURATIONS MULTIPLES
[72] MACCARONE, David A., US
[71] THE LAMSON & SESSIONS CO., US
[22] 1998-09-11
[43] 1999-03-12
[30] US (08/928,328) 1997-09-12

[21] **2,247,229**
[13] A1
[51] Int.Cl. 6B1J10/00 6C12M1/06
[25] EN
[54] STATIONARY VORTEX SYSTEM FOR DIRECT INJECTION OF SUPPLEMENTAL REACTANT OXYGEN
[54] SYSTEME A TOURBILLON STATIONNAIRE POUR INJECTION DIRECTE D'OXYGENE D'APPOINT DANS UN REACTEUR
[72] TAT YAN CHENG, Alan, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 1998-09-11
[43] 1999-03-12
[30] US (08/928,474) 1997-09-12

[21] **2,247,234**
[13] A1
[51] Int.Cl. 6F41C27/00 6F42B30/04
[25] EN
[54] METHOD AND APPARATUS FOR ATTACHING A SUPPLEMENTAL DEVICE TO AN UNALTERED HOST FIRE-ARM
[54] METHODE ET DISPOSITIF DE FIXATION D'UN ACCESSOIRE ADDITIONNEL A UNE ARME A FEU NON MODIFIEE
[72] GRIFFIN, Todd, US
[71] R/M EQUIPMENT, INC., US
[22] 1998-09-11
[43] 1999-03-11
[30] US (60/058,553) 1997-09-11

[21] **2,247,236**
[13] A1
[51] Int.Cl. 6B65H18/22 6B65H18/26 6B27L5/00
[25] EN
[54] VENEER REELING APPARATUS
[54] APPAREIL SERVANT A EN-ROULER DU PLACAGE
[72] KOIKE, Masaru, JP
[72] KUNO, Yukinobu, JP
[71] MEINAN MACHINERY WORKS, INC., JP
[22] 1998-09-11
[43] 1999-03-12
[30] JP (9-268143) 1997-09-12

[21] **2,247,280**
[13] A1
[51] Int.Cl. 6G1N33/74 6G1N33/53 6G1N33/543
[25] EN
[54] WOUND DIAGNOSIS BY QUANTITATING CORTISOL IN WOUND FLUIDS
[54] METHODE PERMETTANT D'OBTENIR LE DIAGNOSTIC D'UNE BLESSURE EN MESURANT LE NIVEAU DE CORTISOL DANS UN FLUIDE PRELEVE D'UNE BLESSURE
[72] SWANIKER, Hansen P., US
[72] HUTCHINSON, Tyrone C., US
[71] ETHICON, INC., US
[22] 1998-09-10
[43] 1999-03-12
[30] US (08/928,541) 1997-09-12

[21] **2,247,527**
[13] A1
[51] Int.Cl. 6C8B31/00 6D21H17/28
[25] FR
[54] PROCEDE DE TRANSFORMATION DE MATIERES AMYLACEES, MATIERES AMYLACEES TRANSFORMEES AINSI OBTENUES ET LEURS UTILISATIONS, NOTAMMENT DANS LA FABRICATION DE PAPIER, D'ADHESIFS OU DE PRODUITS GELIFIES
[54] PROCESS FOR PROCESSING STARCHES, THE MODIFIED STARCHES THUS OBTAINED AND THEIR USES, PARTICULARLY IN THE PRODUCTION OF PAPER, ADHESIVES OR GELS
[72] FUERTES, Patrick, FR
[72] LAMBIN, Anne, FR
[71] ROQUETTE FRERES, FR
[22] 1998-09-09
[43] 1999-03-12
[30] FR (97 11383) 1997-09-12

[21] **2,247,530**
[13] A1
[51] Int.Cl. 6G1N33/44
[25] FR
[54] PROCEDE D'OPTIMISATION D'UN MELANGE BITUME/POLYMERES
[54] PROCESS FOR OPTIMIZING A BITUMEN/POLYMER MIXTURE
[72] RUFFENACH, François, FR
[71] ONDULINE, FR
[22] 1998-09-10
[43] 1999-03-12
[30] FR (97 114 06) 1997-09-12

Demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

[21] **2,247,538**
 [13] A1
 [51] **Int.Cl. 6B22D11/06 6B22D11/14**
 [25] FR
 [54] **FACE LATÉRALE POUR L'OBTU-
 RATION DE L'ESPACE DE COULÉE
 D'UNE INSTALLATION DE COULÉE
 CONTINUE DE BANDES MÉTAL-
 LIQUES ENTRE CYLINDRES, ET IN-
 STALLATION DE COULÉE AINSI
 ÉQUIPÉE**
 [54] **LATERAL FACE FOR BLOCKING
 THE CASTING SPACE IN A FACILITY
 FOR CONTINUOUS CASTING METAL
 STRIPS BETWEEN CYLINDERS, AND
 CASTING FACILITY SO EQUIPPED**
 [72] SCHMITZ, Wilhelm, DE
 [72] DAMASSE, Jean-Michel, FR
 [72] STEBNER, Guido, DE
 [72] SENK, Dieter, DE
 [72] GANSER, Christophe, FR
 [72] VICENTE, Patrice, FR
 [72] SIMON, Rolf, DE
 [72] THEMINES, Dominique, FR
 [71] USINOR, FR
 [71] THYSSEN STAHL AKTIENGESELL-
 SCHAFT, DE
 [22] 1998-09-11
 [43] 1999-03-12
 [30] FR (97 11351) 1997-09-12

[21] **2,247,559**
 [13] A1
 [51] **Int.Cl. 6A22C11/00**
 [25] EN
 [54] **APPARATUS FOR CONVEYING
 AND PROCESSING SAUSAGE MIX-
 TURE**
 [54] **APPAREIL D'AMENÉE ET DE
 TRAITEMENT DE MÉLANGES DE
 CHAIR À SAUCISSE**
 [72] NICOLAISEN, Bernd, DE
 [72] HAACK, Eberhard, DE
 [71] VEMAG MASCHINEN- UND AN-
 LAGENBAU GMBH, DE
 [22] 1998-09-14
 [43] 1999-03-12
 [30] DE (297 16 406.6) 1997-09-12

[21] **2,247,553**
 [13] A1
 [51] **Int.Cl. 6H4M3/56**
 [25] EN
 [54] **SYSTEM AND METHOD FOR UN-
 RESERVED CALL CONFERENCING**
 [54] **SYSTÈME ET MÉTHODE DE
 TÉLÉCONFÉRENCE SANS RÉSERVA-
 TION**
 [72] REAM, Jeffrey Nathan, US
 [72] STRADLEY, Gail Francis, US
 [72] CROWDER, Vicki Jo, US
 [71] ADVANCED TELECOMM SOLU-
 TIONS, INC., US
 [22] 1998-09-14
 [43] 1999-03-12
 [30] US (08/928,975) 1997-09-12

Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

<p>[21] 2,254,973 [13] A1</p> <p>[51] Int.Cl. 6B32B27/36 6B29C47/06 [25] EN [54] THERMOFORMABLE MULTILAYERED POLYESTER SHEET [54] FEUILLE DE POLYESTER MULTICOUCHE THERMOFORMABLE [72] KOPP, Dennis Allen, US [72] TRYSON, Glen R., US [72] ROBERTS, Daniel Lee, US [72] CHATURVEDI, Charu M., US [72] DANSEY, Scott E., US [72] CLARK, Angelika Howard, US [72] LIKIBI, Parfait Jean Marie, US [71] GENERAL ELECTRIC COMPANY, US [85] 1998-11-12 [86] 1998-03-16 (PCT/US98/05108) [87] 1998-09-24 (WO98/41399) [30] US (60/041,015) 1997-03-19 [30] US (09/023,577) 1998-02-06</p>	<p>[21] 2,255,750 [13] A1</p> <p>[51] Int.Cl. 6E21B7/10 6E21B17/00 6E21B7/04 [25] EN [54] APPARATUS AND A METHOD FOR DRILLING BOREHOLES [54] APPAREIL ET PROCEDE DE PERCAGE DE TROUS DE FORAGE [72] OWENS, Dewey E., US [71] SIBILLE, Patrick Neil, GB [85] 1998-11-20 [86] 1998-03-24 (PCT/GB98/00739) [87] 1998-10-01 (WO98/42944) [30] US (29/069,146) 1997-03-24 [30] US (08/828,753) 1997-03-24 [30] GB (9725740.6) 1997-12-05</p>	<p>[21] 2,257,166 [13] A1</p> <p>[51] Int.Cl. 6B60K17/00 6B62M3/00 [25] EN [54] HIGH-POWERED POWERTRAINS BY WHEEL AND AXLE POTENTIAL ENERGY [54] GROUPE MOTOPROPULSEURS HAUTE PUISSANCE A RECUPERATION D'ENERGIE DES ROUES ET ES-SIEUX [72] PAEK, Un Kil, KR [71] PAEK, Un Kil, KR [85] 1998-11-27 [86] 1997-07-10 (PCT/KR97/00136) [87] 1998-01-22 (WO98/02325) [30] KR (1996/28068) 1996-07-12</p>
<p>[21] 2,255,573 [13] A1</p> <p>[51] Int.Cl. 6G21G4/08 [25] EN [54] TECHNETIUM-99M GENERATOR SYSTEM [54] SYSTEME GENERATEUR DE TECHNETIUM 99M [72] COLLINS, Emory D., US [72] KNAPP, Fum F., Jr., US [72] MIRZADEH, Saed, US [71] LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, US [85] 1998-11-18 [86] 1996-12-12 (PCT/US96/20506) [87] 1997-11-27 (WO97/44110) [30] US (08/619,376) 1996-05-22</p>	<p>[21] 2,256,709 [13] A1</p> <p>[51] Int.Cl. 6B22C3/00 6B22D17/00 [25] EN [54] APPARATUS FOR PROCESSING CORROSIVE MOLTEN METALS [54] APPAREIL POUR TRAITER DES METAUX FONDUS CORROSIFS [72] DECKER, Raymond F., US [72] MIHELICH, John, US [71] THIXOMAT, INC., US [85] 1998-11-26 [86] 1997-05-29 (PCT/US97/10229) [87] 1997-12-04 (WO97/45218) [30] US (658,945) 1996-05-31</p>	<p>[21] 2,257,281 [13] A1</p> <p>[51] Int.Cl. 6B29C45/14 6B29C43/18 [25] EN [54] PROCESS AND DEVICE FOR MAKING MOVABLE UNITS OF A PLASTIC COMPONENT [54] PROCEDE ET DISPOSITIF POUR PRODUIRE DES ELEMENTS MOBILES D'UNE PIECE EN PLASTIQUE [72] KAUFMANN, Georg, CH [71] KAUFMANN, Georg, CH [85] 1998-12-02 [86] 1997-05-22 (PCT/CH97/00202) [87] 1998-01-08 (WO98/00279) [30] CH (1610/96) 1996-06-27</p>

PCT Applications Entering the National Phase

[21] **2,257,341**
[13] A1
[51] Int.Cl. 6G5D7/00 6F16K49/00
6H1L23/04
[25] EN
[54] MICRO GAS RHEOSTAT
[54] RHEOSTAT A MICRO-GAZ
[72] REINICKE, Robert H., US
[72] BRUNEAU, Stephen D., US
[71] MAROTTA SCIENTIFIC CONTROLS, INC., US
[85] 1998-12-04
[86] 1997-06-06 (PCT/US97/09962)
[87] 1997-12-11 (WO97/47013)
[30] US (08/659,965) 1996-06-07

[21] **2,257,404**
[13] A1
[51] Int.Cl. 6C7C237/22 6C7C271/22
6C7D295/26 6C7C311/02 6C7C259/06
6A61K31/27 6C7D277/30 6C7D285/12
6C7D401/12 6A61K31/33 6C7D295/15
6A61K31/36 6C7D207/16 6C7D333/38
6A61K31/16 6A61K31/40
[51] 6C7C311/19 6A61K31/195 6C7D295/
205 6C7D207/404 6A61K31/41 6C7D209/44
6A61K31/44 6C7C311/46 6C7D277/46
6C7C317/50 6A61K31/535 6C7D307/54
6C7D213/56 6C7C323/60 6C7D317/66
[51] 6C7D233/74 6C7D213/75 6C7D213/81
[25] EN
[54] MATRIX METALLOPROTEINASE
INHIBITORS
[54] INHIBITEURS DE LA METALLO-
PROTEINASE MATRICIELLE
[72] PERRONE, Ettore, IT
[72] ALPEGIANI, Marco, IT
[72] PALLADINO, Massimiliano, IT
[72] BISSOLINO, Pierluigi, IT
[72] ABRATE, Francesca, IT
[71] PHARMACIA & UPJOHN S.P.A., IT
[85] 1998-12-03
[86] 1997-06-20 (PCT/EP97/03251)
[87] 1997-12-31 (WO97/49674)
[30] GB (9613547.0) 1996-06-27

[21] **2,257,539**
[13] A1
[51] Int.Cl. 6A1G9/02 6A1G25/00 6A1G31/
02 6A1G27/00 6F16K31/34
[25] EN
[54] MULTI-PURPOSE AUTOMATIC
FILLING AND LEVELING LIQUID BA-
SIN WITH LIQUID TRANSFER
[54] RESERVOIR DE LIQUIDE MULTI-
USAGE A MISE A NIVEAU ET A REMP-
LISSAGE AUTOMATIQUES AVEC
TRANSFERT DE LIQUIDE
[72] DUNBAR, Daniel P., US
[72] LOCKE, Teresa M., US
[72] LOCKE, Randal D., US
[71] LAZZZY WAY, US
[85] 1998-12-07
[86] 1996-06-07 (PCT/US96/10493)
[87] 1996-12-19 (WO96/39801)

[21] **2,257,808**
[13] A1
[51] Int.Cl. 6A44B18/00 6A41F1/00
6A61F13/56 6A61F13/62
[25] EN
[54] PROCESS FOR MAKING A ME-
CHANICAL FASTENER
[54] PROCEDE DE FABRICATION
D'UN DISPOSITIF DE FIXATION
MECANIQUE
[72] JUSTMANN, David Andrae, US
[71] KIMBERLY-CLARK WORLDWIDE,
INC., US
[85] 1998-12-04
[86] 1997-06-19 (PCT/US97/10203)
[87] 1998-01-29 (WO98/03140)
[30] US (08/681,150) 1996-07-22

[21] **2,257,825**
[13] A1
[51] Int.Cl. 6C7C255/65 6C7D213/76
6C7C381/00 6C7D401/04 6C7C253/16
6C7C255/19 6C7D231/38
[25] EN
[54] NEW PROCESSES FOR PREPAR-
ING PESTICIDAL INTERMEDIATES
[54] NOUVEAUX PROCEDES DE PREP-
ARATION D'INTERMEDIAIRES PESTI-
CIDES
[72] WILKINSON, John Harry, GB
[72] ROBERTS, David Alan, GB
[72] HAWKINS, David William, GB
[71] RHONE-POULENC AGRO, FR
[85] 1998-09-04
[86] 1997-03-03 (PCT/EP97/01036)
[87] 1997-09-12 (WO97/32843)
[30] GB (9604691.7) 1996-03-05

[21] **2,257,833**
[13] A1
[51] Int.Cl. 6F16L27/053 6F16L27/06
6F1N7/08
[25] EN
[54] PIPE JOINT AND SEAL THERE-
FOR
[54] RACCORD POUR TUYAUX ET SON
JOINT ETANCHE
[72] ZHANG, Jane, US
[72] D'ARCANGELIS, Stephen, US
[72] WARNER, Brian James, US
[72] EMMONS, Kurry Brian, US
[71] METEX CORPORATION, US
[85] 1998-11-23
[86] 1997-09-08 (PCT/US97/15819)
[87] 1998-03-19 (WO98/11333)
[30] US (08/716,661) 1996-09-10

[21] **2,257,854**
[13] A1
[51] Int.Cl. 6C7C59/68 6A1N39/04
6C7C51/41
[25] EN
[54] PROCESS FOR THE PRODUCTION
OF ALKALINE METAL SALTS AND
EARTH ALKALI METAL SALTS OF
ARYLOXY-C1-C4-ALKALINE CAR-
BOXYLIC
[54] PROCEDE POUR PREPARER DES
SELS DE METAUX ALCALINS ET DES
SELS DE METAUX ALCALINO-TER-
REUX D'ACIDES CARBOXYLIQUES
ARYLOXY-ALCANE C1-C4
[72] DIENER, Ralph, DE
[72] HÄRTL, Axel Paul, DE
[72] MERKLE, Hans Rupert, DE
[72] SCHÖNHERR, Michael, DE
[72] JÄGER, Karl-Friedrich, DE
[72] FRETSCHE, Erich, DE
[72] HOFMANN, Jürgen, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 1998-12-10
[86] 1997-06-05 (PCT/EP97/02914)
[87] 1997-12-24 (WO97/48670)
[30] DE (19624608.3) 1996-06-20

Demandes PCT entrant en phase nationale

[21] **2,257,865**
[13] A1

[51] **Int.Cl. 6E21D23/04**
[25] EN
[54] **YIELDABLE MINE ROOF SUPPORT**
[54] **SUPPORT DE TOIT DE MINE COULISSANT**
[72] KENNEDY, William R., US
[72] KENNEDY, John M., US
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
[85] 1998-12-09
[86] 1998-01-22 (PCT/US98/01128)
[87] 1998-11-12 (WO98/50683)
[30] US (08/853,309) 1997-05-08

[21] **2,257,882**
[13] A1

[51] **Int.Cl. 6A61K31/35**
[25] EN
[54] **ANTIRHEUMATIC AGENT**
[54] **AGENT ANTI-RHUMATISMAL**
[72] YOSHIMI, Akihisa, JP
[72] SHIRAHASE, Hiroaki, JP
[72] FUKATA, Fumio, JP
[72] OKUNISHI, Hideki, JP
[72] KOBAYASHI, Yuta, JP
[71] KYOTO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 1999-12-10
[86] 1997-06-06 (PCT/JP97/01974)
[87] 1997-12-18 (WO97/47297)
[30] JP (149549/1996) 1996-06-11

[21] **2,257,890**
[13] A1

[51] **Int.Cl. 6A61K9/66 6A61K9/20**
[25] EN
[54] **LIQUISOLID SYSTEMS AND METHODS OF PREPARING SAME**
[54] **SYSTEMES LIQUISOLIDES ET LEURS PROCEDES DE PRODUCTION**
[72] BOLTON, Sanford M., US
[72] SPIREAS, Spiridon, US
[71] BOLTON, Sanford M., US
[71] SPIREAS, Spiridon, US
[85] 1998-12-09
[86] 1997-06-09 (PCT/US97/10093)
[87] 1997-12-18 (WO97/47290)
[30] US (08/658,514) 1996-06-10

[21] **2,257,892**
[13] A1

[51] **Int.Cl. 6A61K7/032**
[25] EN
[54] **WATER-BASED MAKEUP COMPOSITIONS AND METHODS FOR THEIR PREPARATION**
[54] **COMPOSITIONS DE MAQUILLAGE A BASE D'EAU ET LEURS PROCEDES DE FABRICATION**
[72] CHANT, David, US
[72] MCKENNA, Linda, US
[72] DACUNHA, Kathleen, US
[72] JENNINGS, Deborah, US
[71] E-L MANAGEMENT CORPORATION, US
[85] 1998-12-04
[86] 1997-06-09 (PCT/US97/09836)
[87] 1997-12-18 (WO97/47309)
[30] US (08/661,250) 1996-06-10

[21] **2,257,898**
[13] A1

[51] **Int.Cl. 6A61K31/265**
[25] FR
[54] **UTILISATION DE DERIVES AMINOTHIOLESTERS DANS LE DOMAINE PHARMACEUTIQUE**
[54] **USE OF AMINOTHIOLESTER DERIVATIVES IN PHARMACEUTICS**
[72] QUASHI, Gérard Anthony, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR
[85] 1998-12-07
[86] 1998-04-08 (PCT/FR98/00712)
[87] 1998-10-15 (WO98/44919)
[30] FR (97/04283) 1997-04-08

[21] **2,257,902**
[13] A1

[51] **Int.Cl. 6A61K31/575 6A61K9/70 6A61K31/565**
[25] FR
[54] **NOUVEAUX DISPOSITIFS DESTINES A L'ADMINISTRATION TRANSDERMIQUE DE LA TRIMEGESTONE**
[54] **NOVEL DEVICES FOR TRANSDERMAL ADMINISTERING OF TRIMEGESTONE**
[72] DUBOIS, Jean-Luc, FR
[71] HOECHST MARION ROUSSEL, FR
[85] 1998-12-07
[86] 1997-06-10 (PCT/FR97/01023)
[87] 1997-12-18 (WO97/47333)
[30] FR (96/07208) 1996-06-11

[21] **2,257,908**
[13] A1

[51] **Int.Cl. 6C7C55/14 6C7C51/14**
[25] FR
[54] **PROCEDE D'HYDROXYCARBONYLATION DES ACIDES PEN-TENOIQUES**
[54] **PENTENOIC ACID HYDROXY-CARBONYLATION METHOD**
[72] BRIVET, Jacques, FR
[72] HENRIET, Eric B., FR
[72] PATOIS, Carl, FR
[72] PERRON, Robert, FR
[71] RHODIA FIBER AND RESIN INTERMEDIATES, FR
[85] 1998-12-04
[86] 1997-05-29 (PCT/FR97/00940)
[87] 1997-12-18 (WO97/47580)
[30] FR (96/07380) 1996-06-07

[21] **2,257,913**
[13] A1

[51] **Int.Cl. 6A61K31/575 6A61K9/70 6A61K31/565**
[25] FR
[54] **SYSTEMES TRANSDERMiques RENFERMANT DEUX PRINCIPES ACTIFS DANS DES COMPARTIMENTS SE-PARES, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME MEDICAMENT**
[54] **TRANSDERMAL SYSTEMS CONTAINING TWO ACTIVE PRINCIPLES IN SEPARATE COMPARTMENTS, THEIR METHOD OF PREPARATION AND APPLICATION AS MEDICINE**
[72] DUBOIS, Jean-Luc, FR
[71] HOECHST MARION ROUSSEL, FR
[85] 1998-12-08
[86] 1997-06-10 (PCT/FR97/01024)
[87] 1997-12-18 (WO97/47305)
[30] FR (96/07209) 1996-06-11

PCT Applications Entering the National Phase

[21] **2,257,937**
[13] A1
[51] Int.Cl. 6C7D295/155 6C7D333/24
6A61K31/33 6C7D401/04 6A61K31/435
6C7D471/04 6A61K31/44 6C7D487/04
6A61K31/495 6C7D213/56
[25] EN
[54] FIBRINOGEN RECEPTOR ANTAGONIST PRODRUGS
[54] PROMEDICAMENTS ANTAGONISTES DU RECEPTEUR DE FIBRINOGENE
[72] LUMMA, William C., US
[72] WAI, John S., US
[72] YOUNG, Steven D., US
[72] EGBERTSON, Melissa S., US
[72] HARTMAN, George D., US
[71] MERCK & CO., INC., US
[85] 1998-12-10
[86] 1997-06-25 (PCT/US97/11037)
[87] 1998-01-08 (WO98/00144)
[30] US (60/020,976) 1996-06-28
[30] GB (9617983.3) 1996-08-28

[21] **2,257,945**
[13] A1
[51] Int.Cl. 6C7C211/14 6C7C209/84
6C8G73/02 6C7C213/10
[25] EN
[54] PROCESS FOR REMOVING MALODORS FROM MODIFIED POLYAMINES
[54] PROCEDE D'ELIMINATION DES MAUVAISES ODEURS SE DEGAGEANT DE POLYAMINES MODIFIEES
[72] GOSSELINK, Eugene Paul, US
[72] GRAVES, Sharon Anne, US
[72] HUTCHINS, James Peyton, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-10
[86] 1997-06-17 (PCT/US97/10478)
[87] 1997-12-24 (WO97/48673)
[30] US (60/020,104) 1996-06-19

[21] **2,257,946**
[13] A1
[51] Int.Cl. 6A61K38/05 6A61K31/40
6A61K31/415
[25] EN
[54] A COMPOSITION OF ENALAPRIL AND LOSARTAN
[54] COMPOSITION A BASE D'ENALAPRIL ET DE LOSARTAN
[72] CHEN, Tzyy-Show H., US
[72] GROSSMAN, William, US
[72] SWEET, Charles S., US
[72] ISKANDARANI, Bassel, US
[72] KRAMER, Kenneth A., US
[71] MERCK & CO., INC., US
[85] 1998-12-10
[86] 1997-06-20 (PCT/US97/10372)
[87] 1997-12-31 (WO97/49392)
[30] US (60/020,301) 1996-06-24
[30] GB (9615182.4) 1996-07-19

[21] **2,257,966**
[13] A1
[51] Int.Cl. 6C11D3/20 6A61K7/075
[25] EN
[54] AQUEOUS NACREOUS LUSTRE CONCENTRATES
[54] CONCENTRES AQUEUX A LUSTRE NACRE
[72] KAWA, Rolf, DE
[72] ANSMANN, Achim, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 1998-12-07
[86] 1997-05-30 (PCT/EP97/02824)
[87] 1997-12-18 (WO97/47274)
[30] DE (196 22 968.5) 1996-06-07

[21] **2,257,968**
[13] A1
[51] Int.Cl. 6C7D503/18 6A61K31/42
6C7D503/08
[25] EN
[54] IMPROVED PROCESS FOR PREPARING POTASSIUM CLAVULANATE
[54] PROCESSUS AMELIORE DE PREPARATION D'UN CLAVULANATE DE POTASSIUM
[72] KOSAL, Esin Fatma, US
[72] BUTTERLY, Paul Gerard, US
[72] KEOHANE, Gilroy John, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 1998-12-11
[86] 1997-06-13 (PCT/US97/10317)
[87] 1997-12-18 (WO97/47301)
[30] US (60/020,480) 1996-06-13

[21] **2,257,976**
[13] A1
[51] Int.Cl. 6A61L31/00 6A61L17/00
6A61L27/00
[25] EN
[54] COMPOSITIONS AND METHODS FOR COATING MEDICAL DEVICES
[54] COMPOSITIONS ET PROCEDES D'ENROBAGE DE DISPOSITIFS MEDICAUX
[72] GOLDSTEIN, Steven, US
[72] LEVY, Robert J., US
[72] BONADIO, Jeffrey F., US
[72] LABHASETWAR, Vinod, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 1998-12-08
[86] 1997-06-11 (PCT/US97/10079)
[87] 1997-12-18 (WO97/47254)
[30] US (08/662,341) 1996-06-12

[21] **2,257,990**
[13] A1
[51] Int.Cl. 6A61K45/00 6A61K7/16
6A61K31/34 6A61K31/415
[25] EN
[54] USE OF H2-ANTAGONISTS FOR THE MANUFACTURE OF A TOPICAL COMPOSITION FOR THE TREATMENT OF COLDS
[54] UTILISATION D'ANTAGONISTES DE H2 POUR PREPARER UNE COMPOSITION TOPIQUE POUR LE TRAITEMENT DES RHUMES
[72] SINGER, Robert Ernest Jr., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-11
[86] 1997-06-10 (PCT/US97/09977)
[87] 1997-12-18 (WO97/47292)
[30] US (08/662,389) 1996-06-12

Demandes PCT entrant en phase nationale

[21] **2,257,991**

[13] A1

[51] **Int.Cl. 6C7K14/715 6A1K67/027
6C12N5/10 6A61K38/16 6C7K14/16
6A61K38/19 6C7K16/28 6A61K39/395
6A61K47/48 6G1N33/566**

[25] EN

[54] **USES OF A CHEMOKINE RECEPTOR FOR INHIBITING HIV-1 INFECTION**

[54] **UTILISATIONS D'UN RECEPTEUR DE LA CHEMOKINE DANS L'INHIBITION DE L'INFECTION PAR LE VIH-1**

[72] DRAGIC, Tatjana, US

[72] ALLAWAY, Graham P., US

[72] TRKOLA, Alexandra, US

[72] LITWIN, Virginia M., US

[72] MOORE, John P., US

[72] MADDON, Paul J., US

[71] PROGENICS PHARMACEUTICALS, INC., US

[71] AARON DIAMOND AIDS RESEARCH CENTRE, US

[85] 1998-12-11

[86] 1997-06-13 (PCT/US97/10619)

[87] 1997-12-18 (WO97/47319)

[30] US (08/665,090) 1996-06-14

[30] US (60/019,941) 1996-06-14

[21] **2,257,998**

[13] A1

[51] **Int.Cl. 6C7C33/42 6C7C29/62**

[25] EN

[54] **SYNTHESIS OF HALOALKYNOL**

[54] **SYNTHESE DE L'HALOALKYNOL**

[72] KUO, David L., CH

[71] LONZA INC., US

[85] 1998-12-11

[86] 1997-06-10 (PCT/US97/11961)

[87] 1997-12-18 (WO97/47575)

[30] US (661,671) 1996-06-11

[21] **2,258,011**

[13] A1

[51] **Int.Cl. 6A61K39/09**

[25] EN

[54] **VACCINE TO PREVENT STREPTOCOCCAL ENDOCARDITIS**

[54] **VACCIN VISANT A PREVENIR L'ENDOCARDITE STREPTOCOCCIQUE**

[72] BURNETT-CURLEY, Dana, US

[72] MACRINA, Francis L., US

[72] MUNRO, Cindy L., US

[72] VISCOUNT, Helen B., US

[71] VIRGINIA COMMONWEALTH UNIVERSITY, US

[85] 1998-12-11

[86] 1997-06-20 (PCT/US97/11329)

[87] 1997-12-24 (WO97/48417)

[30] US (60/020,174) 1996-06-21

[21] **2,258,013**

[13] A1

[51] **Int.Cl. 6A61K31/535 6A61K31/16**

6A61K31/40 6A61K31/44 6A61K31/445

6A61K31/495

[25] EN

[54] **SUBSTITUTED BENZYLIDENE INDENYL FORMAMIDES, ACETAMIDES AND PROPIONAMIDES**

[54] **ACETAMIDES, PROPIONAMIDES ET BENZYLIDENE-INDENYL FORMAMIDES SUBSTITUES**

[72] PIAZZA, Gary A., US

[72] SPERL, Gerhard, US

[72] PAMUCKU, Rifat, US

[72] GROSS, Paul, US

[72] BRENDL, Klaus, US

[71] UNIVERSITY OF ARIZONA, US

[71] CELL PATHWAYS, INC., US

[85] 1998-12-11

[86] 1997-06-12 (PCT/US97/10250)

[87] 1997-12-18 (WO97/47303)

[30] US (08/661,293) 1996-06-13

[30] US (08/868,182) 1997-06-03

[21] **2,258,017**

[13] A1

[51] **Int.Cl. 6A61K39/39 6A61K47/14**

[25] EN

[54] **IMMUNOSTIMULATING LIPID FORMULATION**

[54] **FORMULATION DE LIPIDES IMMUNOSTIMULANTS**

[72] SCHRÖDER, Ulf, SE

[71] PHARMATRIX AB, SE

[85] 1998-12-09

[86] 1997-06-09 (PCT/SE97/01003)

[87] 1997-12-18 (WO97/47320)

[30] SE (9602280-1) 1996-06-10

[21] **2,258,018**

[13] A1

[51] **Int.Cl. 6C7F9/50 6C7F9/547 6C7F9/572 6C7C69/618 6C7F9/655 6C7F15/00 6C7F9/6568 6C7C241/04 6C7C69/675 6C7D209/08 6C7F9/70 6C7C231/12 6C7D211/12 6C7C233/87 6C7F9/90 6C7D333/24 6C7C67/31 6C7C67/343 6C7C243/38 6C7C233/47**

[25] EN

[54] **ASYMMETRIC SYNTHESIS CATALYZED BY TRANSITION METAL COMPLEXES WITH CYCLIC CHIRAL PHOSPHINE LIGANDS**

[54] **SYNTHESE ASYMETRIQUE CATALYSEE PAR DES COMPLEXES DE METAUX DE TRANSITION AVEC DES LIGANDS CHIRAUX CYCLIQUES**

[72] ZHANG, Xumu, US

[71] THE PENN STATE RESEARCH FOUNDATION, US

[85] 1998-12-09

[86] 1997-06-13 (PCT/US97/10436)

[87] 1997-12-18 (WO97/47633)

[30] US (60/019,938) 1996-06-14

[30] US (60/033,493) 1996-12-20

[30] US (60/046,121) 1997-05-09

[21] **2,258,042**

[13] A1

[51] **Int.Cl. 6B65D23/08**

[25] EN

[54] **PACKAGING SYSTEM FOR STORING AND DISPENSING PRODUCTS**

[54] **DISPOSITIF D'EMBALLAGE PERMETTANT DE STOCKER ET DE DISTRIBUER DES PRODUITS**

[72] GALLO, Anthony B., US

[72] MOHARY, Stephen John, US

[72] CHAN, Ivan, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[85] 1998-12-11

[86] 1997-06-04 (PCT/US97/09616)

[87] 1997-12-18 (WO97/47527)

[30] US (08/662,547) 1996-06-13

PCT Applications Entering the National Phase

[21] **2,258,043**
[13] A1

[51] **Int.Cl.** 6B65D47/26 6B65D1/02
6B65D47/20
[25] EN
[54] **CONTAINER STOPPER WITH SHUT-OFF VALVE**
[54] **BOUCHON AVEC CLAPET POUR RECIPIENT**
[72] BOUZAGLO, Gabriel, FR
[71] BOUZAGLO, Gabriel, FR
[85] 1998-12-11
[86] 1997-06-11 (PCT/FR97/01036)
[87] 1997-12-18 (WO97/47531)
[30] FR (96/07340) 1996-06-13

[21] **2,258,044**
[13] A1

[51] **Int.Cl.** 6C7D239/34 6A61K31/445
6C7D241/04 6A61K31/495 6C7D401/04
6A61K31/505 6C7D295/096 6A61K31/53
6C7D405/14 6A61K31/535 6C7D211/58
6C7D409/14 6C7D213/643 6C7D413/14
6C7D311/68 6C7D417/14
[25] EN
[54] **MUSCARINIC ANTAGONISTS**
[54] **ANTAGONISTES MUSCARINIQUES**
[72] KOZLOWSKI, Joseph A., US
[72] CHANG, Wei K., US
[72] LOWE, Derek B., US
[72] DUGAR, Sundee, US
[71] SCHERING CORPORATION, US
[85] 1998-12-11
[86] 1997-06-26 (PCT/US97/10696)
[87] 1998-01-08 (WO98/00412)
[30] US (08/674,391) 1996-07-01

[21] **2,258,051**
[13] A1

[51] **Int.Cl.** 6C7D403/04 6C7D471/04
6C7D495/04 6C7D498/04 6C7D513/04
6C7D491/048 6C7D403/06 6C7D401/14
6C7D403/14 6C7D405/14 6C7D409/14
6C7D413/14 6C7D417/14 6A61K31/41
6A61K31/435 6A61K31/495 6A61K31/535
[25] EN
[54] **AMINOCYCLOHEXANE DERIVATIVES AS 5-HT RECEPTOR AGONISTS**
[54] **DERIVES AMINOCYCLOHEXANE ACTIFS COMME AGONISTES DU RE-CEPTEUR 5-HT**
[72] MACLEOD, Angus Murray, GB
[72] SHOWELL, Graham Andrew, GB
[72] STREET, Leslie Joseph, GB
[71] MERCK SHARP & DOHME LIMITED, GB
[85] 1998-12-11
[86] 1997-07-15 (PCT/GB97/01897)
[87] 1998-01-29 (WO98/03504)
[30] GB (9615449.7) 1996-07-23

[21] **2,258,053**
[13] A1

[51] **Int.Cl.** 6C7D487/04 6C7D495/04
6C7D471/14 6C7D487/14 6C7D519/00
6C7D255/04 6C7D495/14 6C7D471/04
6C7D487/20 6A61K31/55
[25] EN
[54] **CYTOKINE PRODUCTION INHIBITORS, TRIAZEPINE COMPOUNDS, AND INTERMEDIATES THEREOF**
[54] **INHIBITEURS DE PRODUCTION DE CYTOKINES, COMPOSES TRIAZEPINE ET INTERMEDIAIRES CORRESPONDANTS**
[72] SHINDO, Masanori, JP
[72] NAKAMURA, Takeshi, JP
[72] YAMAMOTO, Yoshihisa, JP
[71] JAPAN TOBACCO INC., JP
[85] 1998-12-11
[86] 1997-06-11 (PCT/JP97/02016)
[87] 1997-12-18 (WO97/47622)
[30] JP (174268/1996) 1996-06-12
[30] JP (95237/1997) 1997-03-28

[21] **2,258,072**
[13] A1

[51] **Int.Cl.** 6A61M39/00 6A61M39/20
[25] EN
[54] **REUSABLE CANNULA WITH DISPOSABLE SEAL**
[54] **CANULE REUTILISABLE AVEC ENSEMBLE D'ETANCHEITE JETABLE**
[72] KOVAC, Tim J., US
[72] DAVIS, John W., US
[72] KRAMER, Thomas, US
[72] TO, John, US
[72] LOOMAS, Bryan, US
[71] ORIGIN MEDSYSTEMS, INC., US
[85] 1998-12-10
[86] 1997-03-10 (PCT/US97/03559)
[87] 1997-12-18 (WO97/47248)
[30] US (08/661,760) 1996-06-11

[21] **2,258,074**
[13] A1

[51] **Int.Cl.** 6C7C229/36 6A61K31/215
6C7C227/22
[25] EN
[54] **BENZOYLPROPIONIC ACID ESTER DERIVATIVES**
[54] **DERIVES D'ESTERS D'ACIDE BENZOYLPROPIONIQUE**
[72] VARASI, Mario, IT
[72] BIANCHETTI, Alberto, IT
[72] CINI, Massimo, IT
[72] SPECIALE, Carmela, IT
[72] GIORDANI, Antonio, IT
[71] PHARMACIA & UPJOHN S.P.A., IT
[85] 1998-12-10
[86] 1997-07-03 (PCT/EP97/03588)
[87] 1998-01-29 (WO98/03469)
[30] GB (9615441.4) 1996-07-23

[21] **2,258,077**
[13] A1

[51] **Int.Cl.** 6A61L29/00 6C8J7/04
[25] EN
[54] **MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL**
[72] ISRAELSSON, Anette, SE
[72] UTAS, Jan, SE
[71] ASTRA AKTIEBOLAG, SE
[85] 1998-12-10
[86] 1997-06-19 (PCT/SE97/01121)
[87] 1997-12-31 (WO97/49437)
[30] SE (9602529-1) 1996-06-26

Demandes PCT entrant en phase nationale

[21] 2,258,079
[13] A1

[51] Int.Cl. 6A61K31/50 6A61K31/505
6A61K31/54
[25] EN
[54] REMEDY FOR ERECTION FAILURE COMPRISING FUSED PYRIDAZINE COMPOUND
[54] MEDICAMENT CONTRE LES DEFAILLANCES DE L'ERECTION, RENFERMANT UN COMPOSE A BASE DE PYRIDAZINE FONDUE
[72] WATANABE, Nobuhisa, JP
[72] KABASAWA, Yasuhiro, GB
[72] ADACHI, Hideyuki, JP
[72] ABE, Shinya, JP
[72] SHIBAZAKI, Mayu, JP
[72] ISHIIHARA, Hiroki, JP
[72] KODAMA, Kohtarou, JP
[71] EISAI CO., LTD., JP
[85] 1998-12-10
[86] 1997-08-08 (PCT JP97/02785)
[87] 1998-02-26 (WO98/07430)
[30] JP (8-218204) 1996-08-20

[21] 2,258,081
[13] A1

[51] Int.Cl. 6G1N23/04 6A61B5/05
6G1N22/02
[25] EN
[54] METHOD OF BROAD BAND ELECTROMAGNETIC HOLOGRAPHIC IMAGING
[54] PROCEDE DE VISUALISATION PAR HOLOGRAMME ELECTROMAGNETIQUE A LARGE BANDE
[72] ZHDANOV, Michael S., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 1998-12-09
[86] 1997-06-26 (PCT US97/11217)
[87] 1997-12-31 (WO97/49329)
[30] US (60/020,622) 1996-06-26

[21] 2,258,082
[13] A1

[51] Int.Cl. 6C7K16/46 6A61K39/00
6C12N5/06 6C12N5/08 6A61K35/14
6C7K16/28 6A61K39/395
[25] EN
[54] CELLULAR VACCINES AND IMMUNOTHERAPEUTICS AND METHODS FOR THEIR PREPARATION
[54] VACCINS CELLULAIRES IMMUNOTHERAPEUTIQUES ET LEURS PROCEDES DE PREPARATION
[72] GUO, Yajun, US
[71] GUO, Yajun, US
[85] 1998-12-10
[86] 1997-06-11 (PCT US97/10238)
[87] 1997-12-18 (WO97/47271)
[30] US (60/019,639) 1996-06-12

[21] 2,258,085
[13] A1

[51] Int.Cl. 6C7C59/68 6C7C69/736
6C7C69/738 6C7D207/20 6C7C59/84
6C7D333/24 6C7C319/26 6C7C57/30
6C7C51/42 6C7C67/48 6C7C57/58
6C7C69/612
[25] EN
[54] RACEMIZATION PROCESS FOR OPTICALLY ACTIVE CARBOXYLIC ACIDS OR SALTS OR ESTERS THEREOF
[54] PROCEDE DE RACEMISATION DESTINE A DES ACIDES CARBOXYLIQUES OPTIQUEMENT ACTIFS OU A DES SELS OU DES ESTERS DE CES ACIDES
[72] ZUMSTEIN, Ronald C., US
[72] MANIMARAN, Thanikavelu, US
[72] YOUNG, Robert E., US
[72] PHAN, Hao V., US
[71] ALBEMARLE CORPORATION, US
[85] 1998-12-09
[86] 1997-06-10 (PCT US97/09817)
[87] 1997-12-18 (WO97/47572)
[30] US (661,233) 1996-06-10

[21] 2,258,092
[13] A1

[51] Int.Cl. 6A61K47/02 6A61K9/14
6A61K49/00
[25] EN
[54] MEDICAL POWDER
[54] POUDRE MEDICALE
[72] NAKATSUKA, Katsuto, JP
[72] ATARASHI, Takafumi, JP
[71] NAKATSUKA, Katsuto, JP
[71] NITTETSU MINING CO., LTD., JP
[85] 1998-12-10
[86] 1997-06-06 (PCT JP97/01938)
[87] 1997-12-18 (WO97/47322)
[30] JP (8-147416) 1996-06-10

[21] 2,258,093
[13] A1

[51] Int.Cl. 6C7D295/155 6C7D211/34
6C7D333/38 6C7D401/04 6A61K31/40
6C7D471/04 6A61K31/435 6C7D487/04
6A61K31/44 6C7D209/46 6C7D491/048
6C7D207/14 6A61K31/495 6C7D213/56
6C7D213/71 6C7D213/73
[25] EN
[54] FIBRINOGEN RECEPTOR ANTAGONISTS
[54] ANTAGONISTES DU RECEPTEUR DE FIBRINOGENE
[72] DUGGAN, Mark E., US
[72] EGBERTSON, Melissa S., US
[72] IHLE, Nathan C., US
[72] HARTMAN, George D., US
[72] YOUNG, Steven D., US
[71] MERCK & CO., INC., US
[85] 1998-12-10
[86] 1997-06-25 (PCT US97/11133)
[87] 1998-01-08 (WO98/00134)
[30] US (60/020,975) 1996-06-28
[30] GB (9700893.2) 1997-01-17

[21] 2,258,095
[13] A1

[51] Int.Cl. 6A61K31/365 6A61K9/48
6A61K9/16 6A61K9/20
[25] EN
[54] TETRAHYDROLIPSTATIN CONTAINING COMPOSITIONS
[54] COMPOSITIONS CONTENANT DE LA TETRAHYDROLIPSTATINE
[72] SHAH, Navnit Hargovindas, US
[72] ZELLER, Max, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 1998-12-08
[86] 1998-01-24 (PCT EP98/00395)
[87] 1998-08-13 (WO98/34607)
[30] US (60/037,384) 1997-02-05
[30] US (09/003,137) 1998-01-06

PCT Applications Entering the National Phase

[21] 2,258,097
[13] A1

[51] Int.Cl. 6A61K38/28 6A61K9/08
6A61K47/10
[25] EN
[54] INSULIN PREPARATIONS CONTAINING NACL
[54] PREPARATIONS D'INSULINE CONTENANT DU NACL
[72] NORUP, Elsebeth, DK
[72] LANGKJAER, Liselotte, DK
[72] HAVELUND, Svend, DK
[71] NOVO NORDISK A/S, DK
[85] 1998-12-08
[86] 1997-06-19 (PCT/DK97/00268)
[87] 1997-12-24 (WO97/48414)
[30] DK (0685/96) 1996-06-20

[21] 2,258,099
[13] A1

[51] Int.Cl. 6A61K38/28 6A61K9/08
6A61K47/26
[25] EN
[54] INSULIN PREPARATIONS CONTAINING CARBOHYDRATES
[54] PREPARATIONS A BASE D'INSULINE CONTENANT DES GLUCIDES
[72] KIMER, Lone Logstrup, DK
[72] BALSCHMIDT, Per, DK
[72] JENSEN, Steen, DK
[71] NOVO NORDISK A/S, DK
[85] 1998-12-08
[86] 1997-06-19 (PCT/DK97/00267)
[87] 1997-12-24 (WO97/48413)
[30] DK (0684/96) 1996-06-20
[30] DK (0899/96) 1996-08-27

[21] 2,258,100
[13] A1

[51] Int.Cl. 6C7D285/24 6A61K31/54
6A61K31/55 6C7D473/00 6C7D475/00
6C7D453/02 6C7D453/06 6C7D471/08
6C7D487/08 6C7D417/12
[25] EN
[54] 1,2,4-BENZOTHIADIAZINE DERIVATIVES, THEIR PREPARATION AND USE
[54] DERIVES DE 1,2,4-BENZOTHIADIAZINE, LEUR PREPARATION ET LEUR UTILISATION
[72] LEBRUN, Philippe, BE
[72] PIROTTE, Bernard, BE
[72] TAGMOSE, Tina Moller, DK
[72] SOMERS, Fabian, BE
[72] DE TULLIO, Pascal, BE
[72] HANSEN, John Bondo, DK
[72] DELARGE, Jacques, BE
[72] HANSEN, Holger Claus, DK
[72] NIELSEN, Flemming Elmelund, DK
[72] MOGENSEN, John Patrick, DK
[71] NOVO NORDISK A/S, DK
[85] 1998-12-08
[86] 1997-06-19 (PCT/DK97/00266)
[87] 1997-12-31 (WO97/49692)
[30] DK (0693/96) 1996-06-21
[30] DK (1451/96) 1996-12-19

[21] 2,258,113
[13] A1

[51] Int.Cl. 6B65D33/25 6A44B19/16
[25] FR
[54] SACHET COMPORTANT DES PROFILES DE FERMETURE COMPLEMENTAIRES ACTIONNES PAR CURSEUR
[54] BAGS COMPRISING MATCHING CLOSURE PROFILES ACTUATED BY SLIDER
[72] BOIS, Henri Georges, FR
[71] FLEXICO-FRANCE, FR
[85] 1998-12-09
[86] 1998-04-08 (PCT/FR98/00710)
[87] 1998-10-15 (WO98/45182)
[30] FR (97/04394) 1997-04-10

[21] 2,258,128
[13] A1

[51] Int.Cl. 6A61B17/068
[25] EN
[54] ENDOSCOPIC STAPLER
[54] AGRAFEUSES ENDOSCOPIQUES
[72] PUGSLEY, Charles H., Jr., US
[72] GORDON, David P., US
[72] SWAFFAR, Scott E., US
[72] MAIN, Lauren O., US
[72] ADAMS, Ronald David, US
[71] BOSTON SCIENTIFIC CORPORATION, US
[85] 1998-12-10
[86] 1997-06-13 (PCT/US97/10181)
[87] 1997-12-18 (WO97/47231)
[30] US (08/662,659) 1996-06-14

[21] 2,258,152
[13] A1

[51] Int.Cl. 6C7H17/075 6C7H15/18
6C7H15/04 6C7D311/54 6C7D311/56
6A61K31/70
[25] FR
[54] NOUVEAUX DERIVES AROMATIQUES SUBSTITUES PAR UN RIBOSE, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME MEDICAMENTS
[54] NOVEL AROMATIC DERIVATIVES SUBSTITUTED BY A RIBOSE, THEIR METHOD OF PREPARATION AND APPLICATION AS MEDICINE
[72] MUSICKI, Branislav, FR
[72] LAURIN, Patrick, FR
[72] KLICH, Michel, FR
[72] SCHIO, Laurent, FR
[71] HOECHST MARION ROUSSEL, FR
[85] 1998-12-07
[86] 1997-06-10 (PCT/FR97/01022)
[87] 1997-12-18 (WO97/47634)
[30] FR (96/07207) 1996-06-11

Demandes PCT entrant en phase nationale

[21] 2,258,157

[13] A1

[51] Int.Cl. 6A61K7/42 6A61K7/06
[25] FR
[54] COMPOSITIONS COMPRENANT DU 4-TERT-BUTYL-4'-METHOXY-DIBENZOYL METHANE, UN DERIVE DE 1,3,5-TRIAZINE ET UN (ALPHA-CYANO)-BETA,,BETA.'-DIPHENYLACRYLATE D'ALKYLE ET UTILISATIONS

[54] COMPOSITIONS CONTAINING 4-TERT-BUTYL-4'-METHOXY-DIBENZOYL METHANE, A 1,3,5-TRIAZINE DERIVATIVE AND AN ALKYL (ALPHA-CYANO)-BETA,,BETA.'-DIPHENYLACRYLATE AND USES

[72] FORESTIER, Serge, FR
[72] ALLARD, Delphine, FR
[71] L'OREAL, FR
[85] 1998-12-11
[86] 1997-06-12 (PCT/FR97/01056)
[87] 1998-01-08 (WO98 00099)
[30] FR (96 08172) 1996-07-01

[21] 2,258,159

[13] A1

[51] Int.Cl. 6A61K9/20 6A61K47/26 6A61K47/10
[25] EN
[54] INTRAORALLY RAPIDLY DISINTEGRABLE TABLET
[54] COMPRIME INTRA-ORAL A DES-
INTEGRATION RAPIDE

[72] WATANABE, Yasushi, JP
[72] HAYAKAWA, Eiji, JP
[72] OHTA, Motohiro, JP
[72] MORIMOTO, Kiyoshi, JP
[72] ITO, Kunto, JP
[72] TOKUNO, Sanji, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP

[85] 1998-12-11
[86] 1997-06-12 (PCT/JP97/02032)
[87] 1997-12-18 (WO97/47287)
[30] JP (8-153553) 1996-06-14
[30] JP (9-71107) 1997-03-25

[21] 2,258,161

[13] A1

[51] Int.Cl. 6B22F3/16 6C22C33/02 6B22F3/02
[25] EN
[54] POWDER METALLURGICAL BODY WITH COMPACTED SURFACE
[54] ELEMENTS METALLIQUE DE POUDRE AVEC SURFACE DENSIFIEE

[72] CARLBAUM, Nils, SE
[72] MÄRS, Owe, SE
[71] HÖGANÄS AB, SE
[85] 1998-12-11
[86] 1997-06-12 (PCT/SE97/01027)
[87] 1997-12-18 (WO97/47418)
[30] SE (9602376-7) 1996-06-14

[21] 2,258,165

[13] A1

[51] Int.Cl. 6C7D417/12 6C7D417/14 6C7D471/04 6C7D473/34 6C7D487/04 6A61K31/41 6C7D498/04 6A61K31/425 6C7D513/04 6A61K31/435 6C7D401/12 6A61K31/495 6C7D403/12 6A61K31/535 6C7D413/12 6A61K31/55

[25] EN
[54] N-[4-(HETEROARYLMETHYL)PHENYL]-HETEROARYLAMINES
[54] N-[4-(HETEROARYLMETHYL)PHENYL]-HETEROARYLAMINES
[72] LACRAMPE, Jean Fernand Armand, FR
[72] SANZ, Gérard Charles, FR
[72] VENET, Marc Gaston, FR
[72] MABIRE, Dominique Jean-Pierre, FR
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 1998-12-14
[86] 1997-06-19 (PCT/EP97/03248)
[87] 1997-12-31 (WO97/49704)
[30] EP (96201781.0) 1996-06-27

[21] 2,258,168

[13] A1

[51] Int.Cl. 6A61K39/00 6A61K39/02 6A61K39/102 6C12N1/36
[25] EN
[54] RECOMBINANT VACCINE FOR DISEASES CAUSED BY ENCAPSULATED ORGANISMS
[54] VACCIN RECOMBINANT DESTINE A DES PATHOLOGIES IMPUTABLES A DES ORGANISMES ENCAPSULES

[72] INZANA, Thomas J., US
[72] WARD, Christine, US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[85] 1998-12-14
[86] 1997-06-17 (PCT/US97/10236)
[87] 1997-12-31 (WO97/49416)
[30] US (673,814) 1996-06-27

[21] 2,258,170

[13] A1

[51] Int.Cl. 6B65D50/00 6B60K11/00 6F1P11/00 6F16J13/24
[25] EN
[54] CLOSURE CAP WITH TEMPERATURE-DEPENDENT UNSCREWING PROTECTION
[54] BOUCHON AVEC PROTECTION CONTRE LE DEVISSAGE DEPENDANTE DE LA TEMPERATURE
[72] REUTTER, Heinrich, DE
[71] REUTTER METALLWARENFABRIK GMBH, DE

[85] 1998-12-14
[86] 1997-05-29 (PCT/EP97/02804)
[87] 1998-01-08 (WO98/00347)
[30] DE (296 11 514.2) 1996-07-02

[21] 2,258,180

[13] A1

[51] Int.Cl. 6B65D47/20 6B67D3/04 6B65D77/06
[25] EN
[54] PLASTIC STOP-COCK FOR LIQUID CONTAINERS
[54] ROBINET EN PLASTIQUE POUR CONTENANT A LIQUIDE

[72] STEIGER, Arthur, CH
[71] STEIGER, Arthur, CH
[85] 1998-12-14
[86] 1997-05-15 (PCT/CH97/00191)
[87] 1997-12-24 (WO97/48614)
[30] CH (1495/96) 1996-06-14

PCT Applications Entering the National Phase

[21] **2,258,185**
[13] A1
[51] **Int.Cl. 6F16L33/02**
[25] EN
[54] **WIRE CLAMPING COLLAR**
[54] **COLLIER DE SERRAGE FILAIRE**
[72] DETABLE, Pascal, FR
[72] ANDRE, Michel, FR
[71] ETABLISSEMENTS CAILLAU, FR
[85] 1998-12-14
[86] 1997-07-01 (PCT/FR97/01171)
[87] 1998-01-08 (WO98/00665)
[30] FR (96 08167) 1996-07-01
[30] FR (96 14285) 1996-11-22

[21] **2,258,193**
[13] A1
[51] **Int.Cl. 6A61B10/00 6A61B17/32**
[25] EN
[54] **APPARATUS AND METHOD FOR LOCALIZING AND REMOVING TISSUE**
[54] **APPAREIL ET PROCEDE POUR LOCALISER ET PRELEVER UN TISSU**
[72] HEATON, Lisa W., US
[72] DEVIVO, Joseph M., US
[72] PALMER, Mitchell J., US
[72] MILLIMAN, Keith L., US
[71] UNITED STATES SURGICAL CORPORATION, US
[85] 1998-12-14
[86] 1997-06-12 (PCT/US97/10302)
[87] 1997-12-18 (WO97/47243)
[30] US (08/665,176) 1996-06-14

[21] **2,258,199**
[13] A1
[51] **Int.Cl. 6A61K31/54 6A61K31/60 6A61K9/06 6A61K31/52**
[25] EN
[54] **TOPICAL GEL COMPOSITION CONTAINING A COMBINATION OF A NSAID AND A XANTHINE DERIVATIVE**
[54] **COMPOSITION DE GEL TOPIQUE CONTENANT UNE COMBINAISON D'UN MAINS ET D'UN DERIVE DE XANTHINE**
[72] RIAHI, François, FR
[72] LEEVES, Nigel John, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-14
[86] 1997-06-24 (PCT/US97/11205)
[87] 1997-12-31 (WO97/49405)
[30] GB (9613457.2) 1996-06-27

[21] **2,258,202**
[13] A1
[51] **Int.Cl. 6A61K31/705**
[25] EN
[54] **DEOXY AND OXYGEN-SUBSTITUTED SUGAR-CONTAINING 14-AMINOSTEROID COMPOUNDS FOR USE AS AN ANTIARRHYTHMIC**
[54] **COMPOSES 14-AMINOSTEROIDES CONTENANT DU SUCRE ET A SUBSTITUTIONS DESOXY ET OXYGENE A UTILISER COMME AGENTS ANTIARYTHMIQUES**
[72] LYON, Robert Arthur, US
[72] CHANG, Yi-Chi, US
[72] HALPRYN, Bruce Martin, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-14
[86] 1997-06-13 (PCT/US97/10453)
[87] 1997-12-24 (WO97/48401)
[30] US (60/019,978) 1996-06-17

[21] **2,258,205**
[13] A1
[51] **Int.Cl. 6C7C323/59 6A61K31/195 6C7C319/20**
[25] EN
[54] **NEW FORMS OF ORGANIC SALTS OF N'-DIACETYL-CYSTINE**
[54] **NOUVELLES FORMES D'UN SEL ORGANIQUE DE N'-DIACETYL-CYSTINE**
[72] JAKUPOVIC, Edib, SE
[72] TENEBERG, Eric, SE
[71] ASTRA AKTIEBOLAG, SE
[85] 1998-12-14
[86] 1997-06-17 (PCT/SE97/01069)
[87] 1997-12-24 (WO97/48679)
[30] SE (9602416-1) 1996-06-18

[21] **2,258,207**
[13] A1
[51] **Int.Cl. 6B65D88/28 6B65D88/64**
[25] EN
[54] **CHIP BIN**
[54] **BENNE A COPEAUX**
[72] OLSSON, Sven-Erik, SE
[72] GRÖNVOLD-HANSEN, Christen, SE
[72] KYLIN, Peter, SE
[71] KVAERNER PULPING AB, SE
[85] 1998-12-14
[86] 1997-06-26 (PCT/SE97/01146)
[87] 1998-01-15 (WO98/01371)
[30] SE (9602709-9) 1996-07-09

[21] **2,258,213**
[13] A1
[51] **Int.Cl. 6A23L1/0534 6A23L1/307**
[25] EN
[54] **FOOD PRODUCTS CONTAINING BACTERIAL CELLULOSE**
[54] **PRODUITS ALIMENTAIRES CONTENANT DE LA CELLULOSE BACTERIENNE**
[72] EVANS, Jeannette M., GB
[72] COMFORT, Sarah F., GB
[72] ZDANIS, Dana A., US
[72] SHANAHAN, Cynthia M., US
[72] CLARK, Ross, US
[71] THE NUTRASWEET KELCO COMPANY, US
[85] 1998-12-14
[86] 1997-06-09 (PCT/US97/09834)
[87] 1997-12-24 (WO97/48402)
[30] US (08/668,439) 1996-06-20

[21] **2,258,214**
[13] A1
[51] **Int.Cl. 6F16L9/12 6B60R16/08**
[25] EN
[54] **IMPROVED VEHICLE INCLUDING FREEZE STRESS RESISTANT FLUID CONDUCTING APPARATUSES**
[54] **VEHICULE AMELIORE COMPORTANT DES APPAREILS DE TRANSPORT DE FLUIDE RESISTANT AUX CONTRAINTES DU GEL**
[72] JEWELL, David E., US
[71] STANLEY AVIATION CORPORATION, US
[85] 1998-12-14
[86] 1997-06-23 (PCT/US97/10851)
[87] 1998-01-08 (WO98/00662)
[30] US (08/673,568) 1996-07-01
[30] US (08/829,364) 1997-03-31

Demandes PCT entrant en phase nationale

[21] **2,258,215**

[13] A1

[51] Int.Cl. 6C7C49/80 6C7D231/10
6C7C65/32 6C7C67/343 6C7C51/373
6C7C45/45 6C7C51/62 6C7F9/6503
6C7C69/76

[25] EN

[54] PREPARATION OF SUBSTITUTED
3-ARYL-5-HALOALKYL-PYRAZOLES
HAVING HERBICIDAL ACTIVITY

[54] PREPARATION DE 3-ARYLE-5-
HALOALKYL-PYRAZOLES SUB-
STITUES A ACTIVITE HERBICIDE

[72] MAO, Michael K., US

[72] HAMPER, Bruce C., US

[71] MONSANTO COMPANY, US

[85] 1998-12-14

[86] 1997-06-16 (PCT/US97/10525)

[87] 1997-12-24 (WO97/48668)

[30] US (08/667,103) 1996-06-20

[30] US (08/667,135) 1996-06-20

[30] US (08/667,256) 1996-06-20

[21] **2,258,217**

[13] A1

[51] Int.Cl. 6C7C233/47 6A61K31/66
6C7D211/82 6C7D205/04 6C7C247/12
6C7C257/16 6C7C279/16 6C7D211/16
6C7D295/185 6A61K31/195 6C7C237/22
6C7C309/26 6A61K31/275 6C7F9/38
6A61K31/395 6A61K31/40 6A61K31/445

[25] EN

[54] SUBSTITUTED CYCLOPENTANE
COMPOUNDS USEFUL AS
NEURAMINIDASE INHIBITORS

[54] COMPOSES CYCLOPENTANE
SUBSTITUES CONVENANT COMME
INHIBITEURS DES NEURAMINIDASES

[72] BABU, Varlagadda S., US

[72] MONTGOMERY, John A., US

[72] CHAND, Pooran, US

[71] BIOCRYST PHARMACEUTICALS,
INC., US

[85] 1998-12-14

[86] 1997-06-13 (PCT/US97/09309)

[87] 1997-12-18 (WO97/47194)

[30] US (60/019,930) 1996-06-14

[30] US (60/044,010) 1997-05-02

[21] **2,258,232**

[13] A1

[51] Int.Cl. 6D21F1/02 6D21F1/08

[25] EN

[54] EQUIPMENT FOR COMBINING A
DILUTION FLOW WITH THE STOCK
FLOW PASSED OUT OF THE INLET
HEADER IN A PAPER/BOARD MA-
CHINE

[54] MELANGEUR POUR DILUANT ET
PATE A PAPIER ALIMENTANT LE
CAISSON DE DISTRIBUTION D'UNE
MACHINE A PAPIER OU CARTON

[72] HUOVILA, Jyrki, FI

[71] VALMET CORPORATION, FI

[85] 1998-12-14

[86] 1997-06-18 (PCT/FI97/00386)

[87] 1997-12-24 (WO97/48851)

[30] FI (962567) 1996-06-20

[21] **2,258,235**

[13] A1

[51] Int.Cl. 6D21F5/18 6F26B13/16

[25] EN

[54] METHOD AND DEVICE FOR CON-
TACT-FREE DRYING OF A PAPER
WEB OR EQUIVALENT

[54] PROCEDE ET DISPOSITIF SER-
VANT A SECHER SANS CONTACT UNE
BANDE DE PAPIER OU ANALOGUE

[72] VUORINEN, Vesa, FI

[71] VALMET CORPORATION, FI

[85] 1998-12-14

[86] 1997-06-18 (PCT/FI97/00387)

[87] 1997-12-31 (WO97/49863)

[30] FI (962607) 1996-06-24

[21] **2,258,238**

[13] A1

[51] Int.Cl. 6C7D217/22 6A61K31/40
6C7D209/44 6A61K31/47 6C7D401/12
6A61K31/55 6C7D401/14 6C7D223/16

[25] EN

[54] SUBSTITUTED BENZAMIDE DE-
RIVATIVES AND THEIR USE AS ANTI-
CONVULSANTS

[54] DERIVES SUBSTITUES DU BEN-
ZAMIDE ET LEUR UTILISATION
COMME ANTICONVULSIVANTS

[72] THOMPSON, Mervyn, GB

[72] ORLEK, Barry Sidney, GB

[72] HARLING, John David, GB

[71] SMITHKLINE BEECHAM P.L.C., GB

[85] 1998-12-16

[86] 1997-06-13 (PCT/EP97/03131)

[87] 1997-12-24 (WO97/48683)

[30] GB (9612608.1) 1996-06-17

[30] GB (9615352.3) 1996-07-22

[30] GB (9711013.4) 1997-05-28

[21] **2,258,240**

[13] A1

[51] Int.Cl. 6C7D401/14 6A61K31/44
6C7D401/12 6A61K31/50 6C7D213/72

[25] EN

[54] INDOLINE DERIVATIVES USEFUL
AS 5-HT-2C RECEPTOR ANTAGO-
NISTS

[54] DERIVES DE L'INDOLINE UTILES
COMME ANTAGONISTES DES RECEP-
TEURS 5HT-2C

[72] FORBES, Ian Thomson, GB

[72] BROMIDGE, Steven Mark, GB

[71] SMITHKLINE BEECHAM P.L.C., GB

[85] 1998-12-16

[86] 1997-06-16 (PCT/EP97/03156)

[87] 1997-12-24 (WO97/48699)

[30] GB (9612883.0) 1996-06-20

[21] **2,258,242**

[13] A1

[51] Int.Cl. 6A61K9/70 6A61K7/48

[25] EN

[54] DEVICE FOR TOPICAL TREAT-
MENT OF ACNE AND ITS METHOD OF
MANUFACTURE

[54] DISPOSITIF POUR LE TRAITE-
MENT LOCAL DE L'ACNE ET PRO-
CEDE DE FABRICATION ASSOCIE

[72] FOTINOS, Spiros, GR

[71] LAVIPHARM S.A., GR

[85] 1998-12-16

[86] 1997-06-19 (PCT/EP97/03209)

[87] 1997-12-24 (WO97/48387)

[30] GR (960100207) 1996-06-20

[21] **2,258,243**

[13] A1

[51] Int.Cl. 6C9B11/24 6C12Q1/68
6C9B57/00 6C7H21/00 6C7H19/06
6C9B57/14 6C7H19/14 6C7H19/16

[25] EN

[54] 4,7-DICHLORORHODAMINE
DYES

[54] COLORANTS A BASE DE 4,7-
DICHLORORHODAMINE

[72] SPURGEON, Sandra L., US

[72] LEE, Linda, US

[72] BENSON, Scott C., US

[72] ROSENBLUM, Barnett B., US

[71] THE PERKIN-ELMER CORPORA-
TION, US

[85] 1998-12-16

[86] 1997-05-21 (PCT/US97/08797)

[87] 1997-12-31 (WO97/49769)

[30] US (08/672,196) 1996-06-27

PCT Applications Entering the National Phase

[21] 2,258,247
[13] A1

[51] Int.Cl. 6C7D211/96 6C7D451/02
6C7D401/06 6C7D403/06 6C7D413/06
6C7D417/06 6C7D471/08 6C7D401/14
6C7D409/14 6A61K31/445 6A61K31/46
6A61K31/47 6C7D207/48 6A61K31/495
6A61K31/535 6A61K31/54 6A61K31/55
[25] EN
[54] SULPHONAMIDE DERIVATIVES
AND THEIR USE IN THE TREATMENT
OF CNS DISORDERS
[54] DERIVES DU SULFONAMIDE ET
LEUR UTILISATION DANS LE TRAITEMENT
DES TROUBLES DU SYSTEME
NERVEUX CENTRAL
[72] RAHMAN, Shirley Katherine, GB
[72] KING, Francis David, GB
[72] FORBES, Ian Thomson, GB
[71] SMITHKLINE BEECHAM P.L.C.,
F=GB

[85] 1998-12-16
[86] 1997-06-17 (PCT/EP97.03159)
[87] 1997-12-24 (WO97/48681)
[30] GB (9612884.8) 1996-06-20

[21] 2,258,253
[13] A1

[51] Int.Cl. 6A61B17/12
[25] EN
[54] HYDRAULICALLY ACTUATED
MULTIBAND LIGATOR
[54] DISPOSITIF DE LIGATURE
MULTIBANDE A ACTIONNEMENT HY-
DRAULIQUE
[72] VAN PATTERSON, Frank, US
[72] STIEGMANN, Gregory, US
[72] LAMPORT, Ronald, US
[71] C.R. BARD, INC., US
[85] 1998-12-04
[86] 1997-06-06 (PCT/US97/11962)
[87] 1997-12-11 (WO97/46161)
[30] US (60/019,207) 1996-06-06

[21] 2,258,259
[13] A1

[51] Int.Cl. 6B65D81/05 6B29C44/14
[25] EN
[54] APPARATUS AND METHOD FOR
PRODUCING FOAM CUSHIONS UTI-
LIZING FLEXIBLE FOAM MIXING
CHAMBER
[54] DISPOSITIF ET PROCEDE POUR
FABRIQUER DES COUSSINS DE
MOUSSE UTILISANT DES CHAMBRES
DE MELANGE FLEXIBLES
[72] SPERRY, Charles Richard, US
[71] FLEXIBLE PRODUCTS COMPANY,
US
[85] 1998-12-21
[86] 1997-06-18 (PCT/US97.09727)
[87] 1997-12-24 (WO97/48606)
[30] US (08/667,421) 1996-06-21

[21] 2,258,263
[13] A1

[51] Int.Cl. 6A61B5/022
[25] EN
[54] RAPID NON-INVASIVE BLOOD
PRESSURE MEASURING DEVICE
[54] APPAREIL DE MESURE RAPIDE
ET NON INVASIVE DE LA TENSION
ARTERIELLE
[72] SHER, Mark Henry, US
[72] CARO, Richard G., US
[72] FLAHERTY, Bryan Patrick, US
[71] VITAL INSITE, INC., US
[85] 1998-12-22
[86] 1997-06-12 (PCT/US97/10381)
[87] 1997-12-31 (WO97/49328)
[30] US (08/672,218) 1996-06-26

[21] 2,258,264
[13] A1

[51] Int.Cl. 6C8L33/02 6A61K7/32 6C8F2/
44 6A61L9/01 6A61K7/46
[25] EN
[54] MICROENCAPSULATED FRA-
GRANCES AND METHOD FOR PREPA-
RATION
[54] PARFUMS MICROENCAPSULES
ET LEUR PROCEDE DE PRODUCTION
[72] MILSTEIN, Sam J., US
[72] BARANTSEVITCH, Evgueni, US
[72] KANTOR, Martin L., US
[71] EMISPHERE TECHNOLOGIES, INC.,
US
[85] 1998-12-09
[86] 1997-06-12 (PCT/US97/13878)
[87] 1997-12-18 (WO97/47288)
[30] US (60/019,913) 1996-06-14

[21] 2,258,268
[13] A1

[51] Int.Cl. 6A61B5/05
[25] EN
[54] FERROMAGNETIC FOREIGN
BODY SCREENING METHOD AND AP-
PARATUS
[54] METHODE ET APPAREIL DES-
TINES AU DEPISTAGE D'UN CORPS
ETRANGER FERROMAGNETIQUE
[72] MASSENGILL, R. Kemp, US
[72] CZIPOTT, Peter V., US
[72] AVRIN, William F., US
[71] PROTON SCIENCES CORP., US
[71] QUANTUM MAGNETICS, INC., US
[85] 1998-12-23
[86] 1997-06-24 (PCT/US97/10892)
[87] 1997-12-31 (WO97/49334)
[30] US (08/670,393) 1996-06-25

[21] 2,258,277
[13] A1

[51] Int.Cl. 6C12N15/31 6G1N33/569
6A1H5/00 6C12Q1/68 6C7H21/00
6A61K31/70 6A61K48/00 6A61K39/02
6A1K67/027 6C7K16/12 6C12N5/16
6C7K14/29
[25] EN
[54] CHARACTERIZATION OF GRAN-
ULOCYTIC EHRlichia AND METH-
ODS OF USE
[54] CARACTERISATION D'ERHLI-
CHIA GRANULOCYTE ET METHODES
D'UTILISATION
[72] MURPHY, Cheryl A., US
[72] STOREY, James, US
[72] BELTZ, Gerald A., US
[72] COUGHLIN, Richard T., US
[71] AQUILA BIOPHARMACEUTICALS,
INC., US
[85] 1998-12-23
[86] 1998-04-24 (PCT/US98/08265)
[87] 1998-11-05 (WO98/49313)
[30] US (60/044,933) 1997-04-25

Demandes PCT entrant en phase nationale

[21] 2,258,281

[13] A1

[51] Int.Cl. 6A61B17/16

[25] EN

[54] **DEVICE FOR PRODUCING ENDOCHONDRAL AND OSTEOCHONDRAL DRILLED HOLES**

[54] **DISPOSITIF POUR REALISER DES TROUS ENDOCHONDRAL ET OSTEOCHONDRAL**

[72] MÜLLER-GLAUSER, Werner, CH

[72] MAINIL-VARLET, Pierre, CH

[72] SAAGER, Christoph, CH

[72] ZECH, Manfred, CH

[71] SULZER ORTHOPÄDIE AG, CH

[85] 1998-12-23

[86] 1998-04-21 (PCT/CH98/00154)

[87] 1998-11-05 (WO98/48707)

[30] CH (0973/97) 1997-04-25

[21] 2,258,283

[13] A1

[51] Int.Cl. 6B65D30/10 6A61J1/10

6B29C33/00 6B29C65/00 6B29C51/10

[25] EN

[54] **FREEZING AND THAWING BAG, MOLD, APPARATUS AND METHOD**

[54] **SAC DE CONGELATION-DECONGELATION, ET MOULE, APPAREIL ET PROCEDE ASSOCIES**

[72] RUBINSTEIN, Pablo, US

[72] COELHO, Philip H., US

[71] THERMOGENESIS CORPORATION, US

[85] 1998-12-23

[86] 1997-06-24 (PCT/US97/10110)

[87] 1997-12-31 (WO97/49959)

[30] US (08/670,368) 1996-06-25

[21] 2,258,284

[13] A1

[51] Int.Cl. 6A61F5/34

[25] EN

[54] **PRESSURE BANDAGE**

[54] **BANDAGE COMPRESSIF**

[72] HÖRNBERG, Irene, SE

[71] CALMAR MEDICAL AB, SE

[85] 1998-12-23

[86] 1997-06-26 (PCT/SE97/01144)

[87] 1997-12-31 (WO97/49360)

[30] SE (9602522-6) 1996-06-26

[21] 2,258,285

[13] A1

[51] Int.Cl. 6C7D403/04 6C7D487/04

6C7D401/00 6C7D403/14 6C7D405/00

6A61K31/41 6C7D409/00 6A61K31/415

6C7D413/00 6A61K31/435 6C7D417/00

6A61K31/495 6A61K31/535 6A61K31/54

6C7F9/6558 6A61K31/675

[25] EN

[54] **SUBSTITUTED INDAZOLE DERIVATIVES AND THEIR USE AS PHOSPHODIESTERASE (PDE) TYPE IV AND TUMOR NECROSIS FACTOR (TNF) INHIBITORS**

[54] **DERIVES D'INDAZOLE SUBSTITUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PHOSPHODIESTERASE (PDE) TYPE IV ET DU FACTEUR DE NECROSE TUMORALE (TNF)**

[72] MARFAT, Anthony, US

[71] PFIZER INC., US

[85] 1998-12-23

[86] 1997-06-02 (PCT/IB97/00630)

[87] 1997-12-31 (WO97/49702)

[30] US (60/020,385) 1996-06-25

[21] 2,258,289

[13] A1

[51] Int.Cl. 6A61B5/00 6A61B5/08

6A61N1/36

[25] EN

[54] **SYSTEM FOR TREATMENT OF RESPIRATORY DISORDERS**

[54] **SYSTEME DE TRAITEMENT POUR TROUBLES RESPIRATOIRES**

[72] CHRISTOPHERSON, Mark A., US

[72] NEISZ, Johann J., US

[72] SOMMER, John L., US

[71] MEDTRONIC, INC., US

[85] 1998-12-15

[86] 1997-06-26 (PCT/US97/11147)

[87] 1997-12-31 (WO97/49454)

[30] US (08/673,246) 1996-06-26

[21] 2,258,299

[13] A1

[51] Int.Cl. 6A61K31/675 6A61K31/44

[25] EN

[54] **CHELATING AGENTS AND THEIR METAL CHELATES FOR TREATING FREE RADICALS INDUCED CONDITIONS**

[54] **AGENTS CHELATANTS ET LEURS CHELATES DE METAL SERVANT A TRAITER DES ETATS PROVOQUES PAR LES RADICAUX LIBRES**

[72] KARLSSON, Jan Olof Gustav, NO

[72] TOWART, Robertson, GB

[72] JYNGE, Per, NO

[71] NYCOMED IMAGING AS, NO

[85] 1998-12-15

[86] 1997-06-24 (PCT/GB97/01722)

[87] 1997-12-31 (WO97/49409)

[30] GB (9613182.6) 1996-06-24

[21] 2,258,308

[13] A1

[51] Int.Cl. 6A61M5/172

[25] EN

[54] **DOSE SETTING DEVICE**

[54] **DISPOSITIF DE DOSAGE**

[72] LJUNG-GREEN, Henrik, DK

[72] POULSEN, Jens Ulrik, DK

[72] CHRISTENSEN, Lars Hofmann, DK

[71] NOVO NORDISK A/S, DK

[85] 1998-12-15

[86] 1997-06-09 (PCT/DK97/00253)

[87] 1998-01-15 (WO98/01168)

[30] DK (0750/96) 1996-07-05

[21] 2,258,309

[13] A1

[51] Int.Cl. 6A61M5/315

[25] EN

[54] **FLEXIBLE PISTON ROD**

[54] **TIGE DE PISTON FLEXIBLE**

[72] KLITGAARD, Peter Christian, DK

[71] NOVO NORDISK A/S, DK

[85] 1998-12-15

[86] 1997-06-10 (PCT/DK97/00254)

[87] 1998-01-15 (WO98/01173)

[30] DK (0757/96) 1996-07-05

PCT Applications Entering the National Phase

[21] **2,258,310**
[13] A1
[51] Int.Cl. 6A61M31/00
[25] EN
[54] INSTRUMENT FOR INSERTING A SUPPOSITORY
[54] INSTRUMENT POUR L'INTRODUCTION D'UN SUPPOSITOIRE
[72] HOFFSTÄTTER, Thibaud, DK
[71] NOVO NORDISK A/S, DK
[85] 1998-12-15
[86] 1997-06-30 (PCT/DK97/00282)
[87] 1998-01-15 (WO98/01180)
[30] DK (0752/96) 1996-07-05

[21] **2,258,354**
[13] A1
[51] Int.Cl. 6C7D303/48 6A61K31/495 6C7D471/04 6A61K31/535 6C7D405/12 6C7D407/12 6C7D409/12 6C7D413/12 6C7D417/12 6C7D405/14 6A61K31/33 6A61K31/335 6A61K31/44
[25] EN
[54] NOVEL EPOXYSUCCINAMIDE DERIVATIVES OR SALTS THEREOF
[54] NOUVEAUX DERIVES D'EPOXYSUCCINAMIDE ET SELS ASSOCIES
[72] YAMADA, Shozo, JP
[72] KATSUNUMA, Nobuhiko, JP
[72] ASAO, Tetsuji, JP
[72] SUDA, Yoshimitsu, JP
[72] OKAJIMA, Shigeo, JP
[72] YAMASHITA, Tomohiro, JP
[72] TADA, Yukio, JP
[72] UEMURA, Atsuhiko, JP
[72] SHIGENO, Kazuhiko, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 1998-12-17
[86] 1998-04-17 (PCT/JP98/01778)
[87] 1998-10-29 (WO98/47887)
[30] JP (9/102151) 1997-04-18

[21] **2,258,480**
[13] A1
[51] Int.Cl. 6F16L19/028 6B21B19/02
[25] EN
[54] TOOL, TUBE AND METHOD FOR FORMING THE TUBE
[54] OUTIL, TUBE ET PROCEDE DE FABRICATION DU TUBE
[72] MOORE, Boyd B., US
[71] MOORE, Boyd B., US
[85] 1998-12-15
[86] 1997-06-17 (PCT/US97/09324)
[87] 1997-12-24 (WO97/48934)
[30] US (08/666,846) 1996-06-19

[21] **2,258,483**
[13] A1
[51] Int.Cl. 6A61K35/12 6A61K9/66 6A61L27/00
[25] EN
[54] BIOCOMPATIBLE DEVICES WITH FOAM SCAFFOLDS
[54] DISPOSITIFS BIOCOMPATIBLES DOTES DE CHARPENTES ALVEOLAIRES
[72] LI, Rebecca, US
[72] HAZLETT, Tyrone F., US
[71] CYTOTHERAPEUTICS INC., US
[85] 1998-12-15
[86] 1997-07-31 (PCT/US97/13541)
[87] 1998-02-12 (WO98/05304)
[30] US (08/690,969) 1996-08-01

[21] **2,258,484**
[13] A1
[51] Int.Cl. 6A61F13/15
[25] EN
[54] BREATHABLE ABSORBENT ARTICLES HAVING ODOUR CONTROL
[54] ARTICLE ABSORBANT POUVANT RESPIRER ET ATTENUANT LES ODEURS
[72] CIMINI, Carmine, IT
[72] CINTIO, Achille Di, IT
[72] BEWICK-SONNTAG, Christopher Philip, IT
[72] CARLUCCI, Giovanni, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-15
[86] 1997-06-17 (PCT/US97/10589)
[87] 1997-12-24 (WO97/48362)
[30] EP (96830343.8) 1996-06-17
[30] EP (96112404.7) 1996-08-01

[21] **2,258,486**
[13] A1
[51] Int.Cl. 6F16L37/12
[25] EN
[54] ROTATION INHIBITING QUICK CONNECT CONNECTOR FOR GROOVED PIPE
[54] RACCORD A MONTAGE RAPIDE EMPECHANT UNE ROTATION POUR TUBE CANNELE
[72] DOLE, Douglas R., US
[72] DOMAGALA, Andrej, US
[71] VICTAULIC COMPANY OF AMERICA, US
[85] 1998-12-15
[86] 1997-06-09 (PCT/US97/10954)
[87] 1997-12-24 (WO97/48938)
[30] US (08/665,480) 1996-06-18

[21] **2,258,487**
[13] A1
[51] Int.Cl. 6C7K11/02 6C7K7/06 6A61K38/08 6A61K38/15
[25] EN
[54] CYCLIC DEPSIPEPTIDES AND DRUGS CONTAINING THE SAME AS THE ACTIVE INGREDIENT
[54] DEPSIPEPTIDES CYCLIQUES ET MEDICAMENTS CONTENANT CES COMPOSES COMME INGREDIENT ACTIF
[72] SHINGAI, Akiko, JP
[72] TAKASU, Masako, JP
[72] SUZUKI, Masashi, JP
[72] OSHIDA, Norio, JP
[72] YASUDA, Orie, JP
[72] YANAI, Makoto, JP
[72] KAWAMURA, Koji, JP
[72] HIRAMOTO, Shigeru, JP
[72] KINOSHITA, Nobuhiro, JP
[71] NISSHIN FLOUR MILLING CO., LTD., JP
[85] 1998-12-21
[86] 1997-06-25 (PCT/JP97/02194)
[87] 1997-12-31 (WO97/49724)
[30] JP (8-164317) 1996-06-25
[30] JP (8-271321) 1996-09-24

[21] **2,258,491**
[13] A1
[51] Int.Cl. 6A61M5/20 6A61M5/24 6A61M5/315
[25] EN
[54] AUTOMATIC NEEDLE INSERTION MECHANISM
[54] MECANISME D'INSERTION AUTOMATIQUE D'AIGUILLE
[72] HANSEN, Niels-Aage, DK
[71] NOVO NORDISK A/S, DK
[85] 1998-12-15
[86] 1997-06-12 (PCT/DK97/00256)
[87] 1998-01-15 (WO98/01170)
[30] DK (0751/96) 1996-07-05

[21] **2,258,492**
[13] A1
[51] Int.Cl. 6B62D17/00
[25] EN
[54] KING-PIN ADJUSTER
[54] DISPOSITIF D'AJUSTEMENT DE CARROSSAGE
[72] SCHMACK, Bernhard, DE
[71] SCHMACK, Hendrawati, DE
[85] 1998-12-15
[86] 1997-06-16 (PCT/EP97/03124)
[87] 1997-12-24 (WO97/48588)
[30] DE (296 10 634.8) 1996-06-17

Demandes PCT entrant en phase nationale

[21] **2,258,493**
[13] A1

[51] **Int.Cl. 6G10K9/08 6B1D19/00 6G10K9/04**
[25] EN
[54] **APPARATUS FOR DEGASSING LIQUIDS**
[54] **APPAREIL PERMETTANT DE DEGAZER LES LIQUIDES**
[72] WALTER, Bruno H., CA
[71] INDUSTRIAL SOUND TECHNOLOGIES INC., CA
[85] 1998-12-15
[86] 1996-04-15 (PCT/CA96/00235)
[87] 1997-10-23 (WO97/38775)

[21] **2,258,498**
[13] A1

[51] **Int.Cl. 6A61F13/15 6A61F13/46**
[25] EN
[54] **ABSORBENT ARTICLE HAVING ANGULAR UPSTANDING TRANSVERSE PARTITION**
[54] **ARTICLE ABSORBANT A SEPARATEUR TRANSVERSAL, VERTICAL ET ANGULAIRE**
[72] ROE, Donald Carroll, US
[72] LITCHHOLT, John Joseph, US
[72] PAYNE, Michael, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-16
[86] 1997-06-17 (PCT/US97/10481)
[87] 1997-12-24 (WO97/48361)
[30] US (08/664,603) 1996-06-18

[21] **2,258,501**
[13] A1

[51] **Int.Cl. 6A61K35/78 6C12N5/00**
[25] EN
[54] **VEGETABLE EXTRACT, METHOD FOR PREPARATION THEREOF AND ITS APPLICATIONS IN HUMAN AND VETERINARY MEDICINE**
[54] **EXTRAIT VEGETAL, PROCEDE DE PREPARATION ASSOCIE, ET UTILISATIONS EN MEDECINE HUMAINE ET VETERINAIRE**
[72] GILLESSEN, Hubert Jean Marie François, BE
[71] FEVA N.V., AN
[71] GILLESSEN, Hubert Jean Marie François, BE
[85] 1998-12-15
[86] 1998-04-16 (PCT/NL98/00214)
[87] 1998-10-22 (WO98/46244)
[30] NL (1005821) 1997-04-16

[21] **2,258,512**
[13] A1

[51] **Int.Cl. 6C12N15/57 6C12P21/06 6C7K16/40 6C12N9/48**
[25] EN
[54] **AMIDASE**
[54] **AMIDASE**
[72] MURPHY, Dennis, US
[72] REID, John C., US
[72] ROBERTSON, Dan, US
[71] DIVERSA CORPORATION, US
[85] 1998-12-16
[86] 1997-06-17 (PCT/US97/09319)
[87] 1997-12-24 (WO97/48794)
[30] US (08/664,646) 1996-06-17

[21] **2,258,513**
[13] A1

[51] **Int.Cl. 6A61K45/06 6A61K9/06**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING A COMBINATION OF ANTIHISTAMINIC COMPOUNDS WITH TERPENOID COMPOUNDS**
[54] **COMPOSITION TOPIQUE CONTENANT UNE COMBINAISON DE COMPOSES ANTIHISTAMINIQUES ET DE COMPOSES TERPENOIDES**
[72] SCHMID, Beat, CH
[72] TSCHOLLAR, Werner, CH
[71] NOVARTIS CONSUMER HEALTH S.A., CH
[85] 1998-12-15
[86] 1997-07-01 (PCT/EP97/03421)
[87] 1998-01-08 (WO98/00168)
[30] DE (96810436.4) 1996-07-02

[21] **2,258,516**
[13] A1

[51] **Int.Cl. 6C7D401/14 6A61K31/47 6C7D401/12 6A61K47/48 6C7F9/6558 6A61K31/675**
[25] EN
[54] **CONJUGATES OF THROMBIN INHIBITORS AND ENDOGENES CARRIERS**
[54] **EXCIPIENTS ENDOGENES CONJUGUES PROLONGEANT LA DUREE DE VIE DES ANTI-THROMBINES**
[72] KRANTZ, Alexander, US
[72] EZRIN, Alan M., US
[72] SONG, Yonghong, US
[71] CONJUCHEM, INC., CA
[85] 1998-12-16
[86] 1997-06-30 (PCT/IB97/01093)
[87] 1998-01-08 (WO98/00171)
[30] US (08/674,315) 1996-07-01

[21] **2,258,523**
[13] A1

[51] **Int.Cl. 6C7D251/24 6C7D303/30 6C7C229/12 6C8K5/3472 6C8K5/132 6C8K5/3492 6C7C69/708 6C7D405/14 6C7C49/84 6C7D249/20 6C7C323/22 6C7C317/24**
[25] EN
[54] **POLYOXYALKENE SUBSTITUTED AND BRIDGED TRIAZINE, BENZOTRIAZOLE AND BENZOPHENONE DERIVATIVES AS UV ABSORBERS**
[54] **DERIVES DE TRIAZINE, BENZOTRIAZOLE ET BENZOPHENONE A SUBSTITUTION ET A PONT POLYOXYALCENE, UTILISES COMME ABSORBEURS UV**
[72] HAYOZ, Pascal, CH
[72] TOAN, Vien Van, CH
[72] VALET, Andreas, DE
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 1998-12-15
[86] 1997-07-07 (PCT/EP97/03567)
[87] 1998-01-29 (WO98/03489)
[30] CH (1806/96) 1996-07-18

[21] **2,258,524**
[13] A1

[51] **Int.Cl. 6B23K20/12 6B29C65/06**
[25] EN
[54] **PLANT FOR FRICTION STIR WELDING**
[54] **INSTALLATION POUR SOUDAGE PAR FRICTION A MOUVEMENT CYCLIQUE**
[72] LARSSON, Rolf, SE
[71] ESAB AB, SE
[85] 1998-12-16
[86] 1997-06-18 (PCT/SE97/01100)
[87] 1997-12-24 (WO97/48517)
[30] SE (9602456-7) 1996-06-20

PCT Applications Entering the National Phase

[21] **2,258,525**
[13] A1
[51] Int.Cl. 6A61K31/57 6A61K9/20
6A61K31/565
[25] EN
[54] COMBINED PHARMACEUTICAL
ESTROGEN-ANDROGEN-PROGESTIN
ORAL CONTRACEPTIVE
[54] CONTRACEPTIF ORAL A COMBI-
NAISON PHARMACEUTIQUE
OESTROGENES-ANDROGENES-
PROGESTINE
[72] JAYO, Manuel J., US
[72] HUGHES, Claude L., Jr., US
[71] WAKE FOREST UNIVERSITY, US
[85] 1998-12-15
[86] 1997-07-09 (PCT/US97/11969)
[87] 1998-01-15 (WO98/01115)
[30] US (08/679764) 1996-07-10

[21] **2,258,527**
[13] A1
[51] Int.Cl. 6A61F13/15 6A61L15/42
[25] EN
[54] BREATHABLE ABSORBENT ARTI-
CLES
[54] ARTICLES ABSORBANTS RESPI-
RANTS
[72] CARLUCCI, Giovanni, IT
[72] BEWICK-SONNTAG, Christopher
Philip, IT
[72] CINTIO, Achille Di, IT
[71] THE PROCTER & GAMBLE COM-
PANY, US
[85] 1998-12-15
[86] 1997-06-17 (PCT/US97/10032)
[87] 1997-12-24 (WO97/48360)
[30] EP (96830343.8) 1996-06-17

[21] **2,258,529**
[13] A1
[51] Int.Cl. 6B65F1/00 6B65F1/14
6B65D85/24 6A61M5/32
[25] EN
[54] DISPOSAL OF CONTAMINATED
MEDICAL PRODUCTS
[54] MISE AU REBUT DE PRODUITS
MEDICAUX CONTAMINES
[72] BIANCARDI, Gregory F., US
[72] EDMOND, Gary L., US
[72] RACICOT, Douglas A., US
[72] KINSEY, Philip S., US
[72] HOLDAWAY, Richard G., US
[71] BIO-PLEXUS, INC., US
[85] 1998-12-15
[86] 1997-06-17 (PCT/US97/10354)
[87] 1997-12-24 (WO97/48625)
[30] US (08/670,270) 1996-06-21

[21] **2,258,532**
[13] A1
[51] Int.Cl. 6B65D77/06
[25] EN
[54] BAG-IN-BOX PACKAGE WITH AD-
JUSTABLE OUTLET POSITION
[54] CARTON-OUTRE MUNI D'UNE
SORTIE A POSITION REGLABLE
[72] SCHROEDER, Alfred A., US
[71] THE COCA-COLA COMPANY, US
[85] 1998-12-15
[86] 1997-06-13 (PCT/US97/10179)
[87] 1997-12-18 (WO97/47532)
[30] US (08/665,133) 1996-06-14

[21] **2,258,534**
[13] A1
[51] Int.Cl. 6A1N61/00 6C5G3/02 6A1N37/
00
[25] EN
[54] METHOD OF TREATING A PLANT
DISEASE
[54] PROCEDE SERVANT A TRAITER
UNE MALADIE DE PLANTE
[72] VAN ROOIJEN, Willem Abraham, ZA
[71] ORGANOCURE (PROPRIETARY)
LIMITED, ZA
[85] 1998-12-15
[86] 1997-06-27 (PCT/GB97/01724)
[87] 1997-12-31 (WO97/49288)
[30] ZA (96/5477) 1996-06-27
[30] ZA (97/2801) 1997-04-02

[21] **2,258,535**
[13] A1
[51] Int.Cl. 6A61J1/00 6B65D79/02
6B65D81/20
[25] EN
[54] PACKAGE FOR CONTAINER OF
LIQUID MEDICINE CONTAINING BI-
CARBONATE AND PH INDICATOR
[54] EMBALLAGE POUR RECIPIENT A
MEDICAMENT LIQUIDE CONTENANT
DU BICARBONATE ET UN INDICA-
TEUR DE PH
[72] HAMAMOTO, Rika, JP
[72] ABE, Akiyo, JP
[72] IGUCHI, Seiichiro, JP
[72] INAI, Masatoshi, JP
[72] SHINOMIYA, Shino, JP
[72] KAWAKAMI, Keiichi, JP
[71] OTSUKA PHARMACEUTICAL FAC-
TORY, INC., JP
[85] 1998-12-15
[86] 1997-06-13 (PCT/JP97/02040)
[87] 1997-12-24 (WO97/48365)
[30] JP (8/155308) 1996-06-17
[30] JP (9/110591) 1997-04-28

[21] **2,258,536**
[13] A1
[51] Int.Cl. 6C7D213/50 6A61K31/505
6C7D213/60 6C7D401/00 6C7D307/78
6C7D403/00 6C7D213/89 6C7D405/00
6C7D239/24 6A61K31/34 6A61K31/415
6A61K31/44
[25] EN
[54] HETEROCYCLYL METHY-
LAMINO DERIVATIVES OF CY-
CLOBUTENE-3,4-DIONES AS
POTASSIUM CHANNEL MODULA-
TORS
[54] DERIVES HETEROCYCLYLME-
THYLAMINO DE CYCLOBUTENE-3,4-
DIONES MODULATEURS DU CANAL
DE POTASSIUM
[72] BUTERA, John Anthony, US
[72] HERBST, David Richard, US
[72] GRACEFFA, Russell Francis, US
[71] AMERICAN HOME PRODUCTS
CORPORATION, US
[85] 1998-12-16
[86] 1997-06-10 (PCT/US97/09744)
[87] 1997-12-24 (WO97/48682)
[30] US (08/664,583) 1996-06-17

[21] **2,258,539**
[13] A1
[51] Int.Cl. 6C7D493/04 6C7D491/153
6A61K31/35 6A61K31/36 6A61K31/38
6A61K31/40 6A61K31/41 6A61K31/435
6A61K31/495 6A61K31/505 6C7D311/74
[25] EN
[54] RING-FUSED DIHYDROPYRANES,
PROCESS FOR THE PREPARATION
AND USE THEREOF
[54] DIHYDROPRANES ANNELES
CYCLIQUES, LEUR PROCEDE DE FAB-
RICATION ET LEUR UTILISATION
[72] HENKE, Stephan, DE
[71] HOECHST AKTIENGESELLSCHAFT,
DE
[85] 1998-12-15
[86] 1997-06-18 (PCT/EP97/03146)
[87] 1997-12-24 (WO97/48691)
[30] DE (196 24 154.5) 1996-06-18

Demandes PCT entrant en phase nationale

[21] **2,258,543**
[13] A1

[51] Int.Cl. 6A61C15/04
[25] EN
[54] METHOD AND ARRANGEMENT FOR TENSIONING DENTAL FLOSS, AND A DEVICE FOR CLEANING TEETH
[54] PROCEDE ET DISPOSITIF DE TENSION DE FIL DENTAIRE ET APPAREIL POUR NETTOYER LES DENTS
[72] LILLBACKA, Antti, FI
[71] LILLBACKA, Antti, FI
[85] 1998-12-16
[86] 1997-06-16 (PCT/FI97/00382)
[87] 1997-12-24 (WO97/48349)
[30] FI (962515) 1996-06-17

[21] **2,258,548**
[13] A1

[51] Int.Cl. 6C7D239/70 6C7D487/04 6C7D495/04 6C7D491/056 6A61K31/505
[25] EN
[54] PHENYLAMINO-SUBSTITUTED TRICYCLIC DERIVATIVES FOR TREATMENT OF HYPERPROLIFERATIVE DISEASES
[54] DERIVES TRICYCLIQUES SUBSTITUES PAR PHENYLAMINO, DESTINES AU TRAITEMENT DES MALADIES HYPERPROLIFERATIVES
[72] SCHNUR, Rodney Caughren (Deceased), US
[71] PFIZER INC., US
[85] 1998-12-16
[86] 1997-06-11 (PCT/IB97/00675)
[87] 1997-12-31 (WO97/49688)
[30] US (60/020,491) 1996-06-24

[21] **2,258,551**
[13] A1

[51] Int.Cl. 6C7C229/08 6C7C227/20 6C7C271/22 6C12P1/00 6C7K1/04 6C12P13/04
[25] EN
[54] ENZYMATICALLY REMOVABLE LINKERS FOR SOLID PHASE SYNTHESIS
[54] SEGMENTS DE LIAISON SEPARABLES PAR VOIE ENZYMATIQUE POUR SYNTHESES EN PHASE SOLIDE
[72] GREYER, Uwe, DE
[72] SAUERBREI, Bernd, DE
[72] WALDMANN, Herbert, DE
[71] BASF AKTIENGESellschaft, DE
[85] 1998-12-15
[86] 1997-06-27 (PCT/EP97/03379)
[87] 1998-01-15 (WO98/01406)
[30] DE (19626762.5) 1996-07-03

[21] **2,258,552**
[13] A1

[51] Int.Cl. 6A61K38/11 6A61K9/12 6A61K9/72
[25] EN
[54] NASAL ADMINISTRATION OF DESMOPRESSIN
[54] ADMINISTRATION NASALE DE DESMOPRESSINE
[72] BENGTSOON, Bengt, SE
[71] FERRING B.V., NL
[85] 1998-12-16
[86] 1997-06-10 (PCT/SE97/01010)
[87] 1997-12-24 (WO97/48379)
[30] US (08/667,047) 1996-06-20

[21] **2,258,556**
[13] A1

[51] Int.Cl. 6C7D295/088 6A61K31/495
[25] EN
[54] DRUG RESISTANCE AND MULTI-DRUG RESISTANCE MODULATORS
[54] MODULATEURS DE LA RESISTANCE AUX MEDICAMENTS ET DE LA RESISTANCE MULTIPLE AUX MEDICAMENTS
[72] KROIN, Julian Stanley, US
[72] NORMAN, Bryan Hurst, US
[71] ELI LILLY AND COMPANY, US
[85] 1998-12-16
[86] 1997-06-12 (PCT/US97/10258)
[87] 1997-12-24 (WO97/48689)
[30] US (60/020,807) 1996-06-17

[21] **2,258,559**
[13] A1

[51] Int.Cl. 6C7D401/14 6A61K31/44 6C7D213/72
[25] EN
[54] INDOLE DERIVATIVES USEFUL AS 5-HT-2C RECEPTOR ANTAGONISTS
[54] DERIVES DE L'INDOLINE UTILES COMME ANTAGONISTES DES RECEPTEURS 5HT-2C
[72] BROMIDGE, Steven Mark, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 1998-12-16
[86] 1997-06-16 (PCT/EP97/03157)
[87] 1997-12-24 (WO97/48700)
[30] GB (9612885.5) 1996-06-20

[21] **2,258,562**
[13] A1

[51] Int.Cl. 6C12N15/80 6C12N15/90 6C12N1/15 6C12N15/53
[25] EN
[54] PROCESS FOR THE INACTIVATION OF GENES WHICH CODE FOR ENZYMES FOR THE CATABOLISM OF PHENYL ACETATE, PLASMIDS INVOLVED IN SUCH PROCESS AND STRAINS TRANSFORMED THEREWITH
[54] PROCEDE D'INACTIVATION DE GENES CODANT POUR DES ENZYMES DU CATABOLISME DU PHENYLACETATE, PLASMIDES INTERVENANT ET SOUCHES TRANSFORMEES AVEC CEUX-CI
[72] FERNANDEZ CANON, José Manuel, ES
[72] SALTO MALDONADO, Francisco, ES
[72] VITALLER ALBA, Alejandro, ES
[72] BARREDO FUENTE, José Luis, ES
[72] RODRIGUEZ SAIZ, Marta, ES
[72] DIEZ GARCIA, Bruno, ES
[72] MINGOT ASCENCAO, José Manuel, ES
[72] PENALVA SOTO, Miguel Angel, ES
[71] ANTIBIOTICOS, S.A., ES
[85] 1998-12-17
[86] 1998-04-17 (PCT/ES98/00101)
[87] 1998-10-29 (WO98/48019)
[30] ES (P 9700833) 1997-04-18

[21] **2,258,565**
[13] A1

[51] Int.Cl. 6C12N15/82 6A1H5/00
[25] EN
[54] CASSAVA VEIN MOSAIC VIRUS PROMOTERS AND USES THEREOF
[54] PROMOTEURS DU VIRUS DE LA MOSAIQUE DES NERVURES DU MANIOC ET LEURS UTILISATIONS
[72] FAUQUET, Claude, US
[72] VERDAGUER, Bertrand, US
[72] DE KOCHKO, Alexandre, US
[72] BEACHY, Roger N., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 1998-12-17
[86] 1997-06-20 (PCT/US97/10376)
[87] 1997-12-24 (WO97/48819)
[30] US (60/020,129) 1996-06-20

PCT Applications Entering the National Phase

[21] 2,258,566
[13] A1

[51] Int.Cl. 6B65B35/56 6B65B5/06
6B65B35/36
[25] EN
[54] METHOD AND APPARATUS FOR
PACKAGING FLAT ARTICLES
[54] PROCEDE ET DISPOSITIF D'EM-
BALLAGE D'ARTICLES PLATS
[72] HEIKKILÄ, Kari, FI
[72] SUOKAS, Jouni, FI
[71] JOMET OY, FI
[85] 1998-12-15
[86] 1997-09-18 (PCT/FI97/00557)
[87] 1998-04-02 (WO98/13263)
[30] FI (963853) 1996-09-27

[21] 2,258,568
[13] A1

[51] Int.Cl. 6C12N15/49 6C12N15/57
6C12N15/58 6C12N15/62 6C12N15/67
6A61K31/70 6A61K48/00
[25] EN
[54] VACCINES COMPRISING SYN-
THETIC GENES
[54] VACCINS COMPRENANT DES
GENES DE SYNTHESE
[72] SHIVER, John W., US
[72] DAVIES, Mary Ellen, US
[72] PERRY, Helen C., US
[72] LIU, Margaret A., US
[72] FREED, Daniel C., US
[71] MERCK & CO., INC., US
[85] 1998-12-18
[86] 1997-06-17 (PCT/US97/10517)
[87] 1997-12-24 (WO97/48370)
[30] US (60/020,166) 1996-06-21
[30] GB (9614943.0) 1996-07-16
[30] US (60/020,165) 1996-06-21
[30] GB (9614942.2) 1996-07-16

[21] 2,258,576
[13] A1

[51] Int.Cl. 6C12N15/29 6C12N15/82
6A1H5/00
[25] EN
[54] GENE CONFERRING DISEASE RE-
SISTANCE IN PLANTS AND USES
THEREOF
[54] GENES CONFERANT UNE RESIS-
TANCE AUX MALADIES DES PLAN-
TES, ET UTILISATION DE CES GENES
[72] ELLIS, Daniel Murray, US
[72] WEYMANN, Kristianna Baldwin, US
[72] LAWTON, Kay Ann, US
[72] DELANEY, Terrence Patrick, US
[72] FRIEDRICH, Leslie Bethards, US
[72] JOHNSON, Jay Earl, US
[72] RYALS, John Andrew, US
[71] NOVARTIS AG, CH
[85] 1998-12-18
[86] 1997-03-10 (PCT/EP97/01218)
[87] 1997-12-31 (WO97/49822)
[30] US (60/020,272) 1996-06-21
[30] US (60/024,883) 1996-08-30
[30] US (60/033,177) 1996-12-13
[30] US (08/773,559) 1996-12-27
[30] US (60/035,022) 1997-01-10

[21] 2,258,579
[13] A1

[51] Int.Cl. 6F23B1/38 6F23G7/00 6F23J3/
00 6F2C3/20
[25] EN
[54] SYSTEM FOR BURNING BIOMASS
TO PRODUCE HOT GAS
[54] SYSTEME DE BRULAGE D'UNE
MASSE BIOLOGIQUE VISANT A PRO-
DUIRE DU GAZ CHAUD
[72] PICKER, Franck, US
[72] RIZZIE, Joseph W., US
[71] BIOTEN GP, US
[85] 1998-12-16
[86] 1997-12-18 (PCT/US97/23647)
[87] 1998-10-22 (WO98/46869)
[30] US (08/842,748) 1997-04-16

[21] 2,258,580
[13] A1

[51] Int.Cl. 6C12N15/54 6C12N9/12
6C12Q1/48
[25] EN
[54] MAMMALIAN CDP-DIACYLG-
LYCEROL SYNTHASE
[54] SYNTHETASE MAMMALIENNE
DU CDP-DIACYLGLYCEROL
[72] LEUNG, David W., US
[72] WEEKS, Reitha, US
[71] CELL THERAPEUTICS, INC., US
[85] 1998-12-18
[86] 1997-06-25 (PCT/US97/11294)
[87] 1998-01-08 (WO98/00550)
[30] US (08/672,814) 1996-06-28

[21] 2,258,587
[13] A1

[51] Int.Cl. 6C7F9/30 6C7F9/40 6C7F9/44
6C7F9/572 6C7F9/58 6C7F9/655 6C7F9/
6553 6A61K31/66
[25] EN
[54] HYDROXY-PHOSPHINYL DERIV-
ATIVES USEFUL AS NAALADASE IN-
HIBITORS
[54] DERIVES HYDROXY-PHOSPHI-
NYLES EN TANT QU'INHIBITEURS DE
NAALADASE
[72] MACLIN, Keith M., US
[72] TAYS, Kevin L., US
[72] JACKSON, Paul F., US
[72] SLUSHER, Barbara S., US
[71] GUILFORD PHARMACEUTICALS
INC., US
[85] 1998-12-16
[86] 1997-06-16 (PCT/US97/11540)
[87] 1997-12-24 (WO97/48400)
[30] US (08/665,776) 1996-06-17
[30] US (08/775,586) 1996-12-31
[30] US (08/778,733) 1996-12-31
[30] US (08/863,624) 1997-05-27

Demandes PCT entrant en phase nationale

[21] **2,258,589**

[13] A1

[51] Int.Cl. 6C7F9/30 6C7F9/40 6C7F9/44 6C7F9/572 6C7F9/58 6C7F9/655 6C7F9/6553 6A61K31/66

[25] EN

[54] CERTAIN PHOSPHINYL DERIVATIVES USEFUL AS NAALADASE INHIBITORS

[54] QUELQUES DERIVES PHOSPHINYLES UTILES EN TANT QU'INHIBITEURS DE NAALADASE

[72] MACLIN, Keith M., US

[72] SLUSHER, Barbara S., US

[72] TAYS, Kevin L., US

[72] JACKSON, Paul F., US

[71] GUILFORD PHARMACEUTICALS INC., US

[85] 1998-12-16

[86] 1997-06-16 (PCT/US97/11538)

[87] 1997-12-24 (WO97/48399)

[30] US (08/665,776) 1996-06-17

[30] US (08/775,586) 1996-12-31

[30] US (08/778,733) 1996-12-31

[30] US (08/858,985) 1997-05-27

[21] **2,258,591**

[13] A1

[51] Int.Cl. 6C10G6S/12 6C10G47/20 6C10G45/12

[25] EN

[54] A PROCESS FOR HYDROCRACKING A HEAVY DISTILLATE OIL UNDER MIDDLE PRESSURE

[54] PROCEDE D'HYDROCRAQUAGE D'UNE HUILE DE DISTILLAT LOURDE A DES PRESSIONS MOYENNES

[72] ZHANG, Yanping, CN

[72] SHI, Yulin, CN

[72] HU, Zhihai, CN

[72] SHI, Yahua, CN

[72] ZHU, Yiqin, CN

[72] XIONG, Zhenlin, CN

[72] NIE, Hong, CN

[72] SHI, Jianwen, CN

[71] RESEARCH INSTITUTE OF PETROLEUM PROCESSING SINOPEC, CN

[71] CHINA PETROCHEMICAL CORPORATION, CN

[85] 1998-12-17

[86] 1997-06-27 (PCT/CN97/00064)

[87] 1998-01-08 (WO98/00384)

[30] CN (96106587.7) 1996-06-28

[30] CN (96106724.1) 1996-06-28

[30] CN (96109007.3) 1996-07-22

[21] **2,258,594**

[13] A1

[51] Int.Cl. 6C7C233/04 6C7D401/04 6C7D409/04 6C7D471/08 6C7D277/10 6C7F7/10 6C7C231/12 6C7C233/12 6C7D413/12 6C7D263/20 6C7D207/263 6C7D333/36 6C7D233/56 6C7C233/64 6C7D211/72 6C7D213/72

[25] EN

[54] NICKEL CATALYZED ADDITION OF -NH- CONTAINING COMPOUNDS TO VINYL AND ARYL HALIDES

[54] ADDITION CATALYSEE PAR NICKEL DE COMPOSES CONTENANT DU -NH- A DES HALOGENURES DE VINYLE ET D'ARYLE

[72] KRISTJANSDOTTIR, Sigridur Soley, US

[72] BAKER, Ralph Thomas, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 1998-12-17

[86] 1997-06-30 (PCT/US97/11521)

[87] 1998-01-08 (WO98/00399)

[30] US (60/021,170) 1996-07-01

[21] **2,258,601**

[13] A1

[51] Int.Cl. 6A61L27/00 6A61K31/165 6A61L25/00 6A61K38/18 6A61K38/51

[25] EN

[54] METHODS AND COMPOSITIONS FOR THE TREATMENT AND REPAIR OF DEFECTS OR LESIONS IN CARTILAGE OR BONE USING FUNCTIONAL BARRIER

[54] PROCEDES ET COMPOSITIONS DE TRAITEMENT ET DE GUERISON DES DEFAUTS OU LESIONS DANS UN CARTILAGE OU UN OS AU MOYEN D'UNE BARRIERE FONCTIONNELLE

[72] HUNZIKER, Ernst B., CH

[71] SHAW, Robert Francis, US

[85] 1998-12-17

[86] 1997-06-24 (PCT/US97/11208)

[87] 1998-01-08 (WO98/00183)

[30] US (08/672,618) 1996-06-28

[21] **2,258,606**

[13] A1

[51] Int.Cl. 6C7H17/08 6A61K31/70

[25] EN

[54] CRYSTAL FORM I OF

CLARITHROMYCIN

[54] FORME CRISTALLINE I DE LA CLARITHROMYCINE

[72] SPANTON, Stephen G., US

[72] RILEY, David A., US

[72] LIU, Jih-Hua, US

[71] ABBOTT LABORATORIES, US

[85] 1998-12-16

[86] 1997-07-25 (PCT/US97/13128)

[87] 1998-02-05 (WO98/04573)

[30] US (08/681,723) 1996-07-29

[21] **2,258,608**

[13] A1

[51] Int.Cl. 6A61K39/00 6A61K38/19

[25] EN

[54] GM-CSF ADMINISTRATION FOR THE TREATMENT AND PREVENTION OF RECURRENCE OF BRAIN TUMORS

[54] ADMINISTRATION DE GM-CSF POUR LE TRAITEMENT DES

TUMEURS CEREBRALES ET LA PREVENTION DE LEUR RECURRENCE

[72] WALLENFRIEDMAN, Margaret, A., US

[72] LOW, Walter C., US

[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US

[85] 1998-12-21

[86] 1997-06-18 (PCT/US97/10540)

[87] 1997-12-31 (WO97/49421)

[30] US (08/671,251) 1996-06-27

PCT Applications Entering the National Phase

[21] **2,258,609**
[13] A1
[51] Int.Cl. 6C7D417/12 6C7D215/14
6C7F7/10 6A61K31/41 6C7D241/42
6C7D401/12 6C7D403/12 6A61K31/47
6C7D413/12 6A61K31/495 6A61K31/695
[25] EN
[54] NON-SYMMETRICAL BIS-HET-
EROARYLMETHOXYPHENYLALKYL
CARBOXYLATES AS INHIBITORS OF
LEUKOTRIENE BIOSYNTHESIS
[54] CARBOXYLATES DE BIS-HET-
EROARYLMETHOXYPHENYLA-
LKYLE NON SYMETRIQUES UTILISES
EN TANT QU'INHIBITEURS DE LA
BIOSYNTHESE DES LEUCOTRIENES
[72] KOLASA, Teodozyj, US
[72] GUNN, David E., US
[72] BROOKS, Clint D.W., US
[71] ABBOTT LABORATORIES, US
[85] 1998-12-16
[86] 1997-07-14 (PCT/US97/12138)
[87] 1998-02-05 (WO98/04555)
[30] US (08/686,841) 1996-07-26

[21] **2,258,614**
[13] A1
[51] Int.Cl. 6C12P7/62 6C12P7/64 6C12P7/
18 6C12P19/44
[25] EN
[54] ENZYMATIC ESTERIFICATION
PROCESS
[54] PROCEDE D'ESTERIFICATION
ENZYMATIQUE
[72] DAVIES, Christine, GB
[72] MACRAE, Alasdair Robin, GB
[71] UNILEVER PLC, GB
[85] 1998-12-16
[86] 1997-05-30 (PCT/EP97/02959)
[87] 1997-12-24 (WO97/48817)
[30] EP (96304502.6) 1996-06-18

[21] **2,258,619**
[13] A1
[51] Int.Cl. 6A61B17/36
[25] EN
[54] METHOD AND APPARATUS FOR
CRYOSURGERY
[54] PROCEDE ET DISPOSITIF DE
CRYOCHIRURGIE
[72] JULIAN, Thomas Benjamin, US
[72] RABIN, Yoed, US
[72] WOLMARK, Norman, US
[71] ALLEGHENY-SINGER RESEARCH
INSTITUTE, US
[85] 1998-12-21
[86] 1997-06-20 (PCT/US97/10375)
[87] 1997-12-31 (WO97/49344)
[30] US (08/668,692) 1996-06-24

[21] **2,258,622**
[13] A1
[51] Int.Cl. 6A61M1/10
[25] EN
[54] BLOOD PUMP
[54] POMPE A SANG
[72] RAU, Günter, DE
[72] REUL, Helmut, DE
[72] SIESS, Thorsten, DE
[71] RAU, Günter, DE
[71] REUL, Helmut, DE
[71] SIESS, Thorsten, DE
[85] 1998-12-16
[86] 1997-06-04 (PCT/EP97/02904)
[87] 1997-12-31 (WO97/49439)
[30] DE (196 25 300.4) 1996-06-25

[21] **2,258,625**
[13] A1
[51] Int.Cl. 6B65D75/36 6A61J1/03
[25] EN
[54] BLISTER PACK
[54] PLAQUETTE ALVEOLAIRE
[72] FRIBERG, Claes, SE
[72] ASSARGREN, Christian, SE
[71] ASTRA AKTIEBOLAG, SE
[85] 1998-12-17
[86] 1997-06-24 (PCT/SE97/01130)
[87] 1998-01-08 (WO98/00351)
[30] SE (9602605-9) 1996-07-01

[21] **2,258,627**
[13] A1
[51] Int.Cl. 6C7D457/02 6C7D457/10
6A61K31/48
[25] EN
[54] ANTINEURODEGENERATIVE ER-
GOLINE DERIVATIVES
[54] DERIVES D'ERGOLINE AN-
TINEURODEGENERATIFS
[72] CARFAGNA, Nicola, IT
[72] VARASI, Mario, IT
[72] MANTEGANI, Sergio, IT
[72] BRAMBILLA, Enzo, IT
[71] PHARMACIA & UPJOHN S.P.A., IT
[85] 1998-12-16
[86] 1997-05-29 (PCT/EP97/02955)
[87] 1998-01-08 (WO98/00424)
[30] GB (9613571.0) 1996-06-27

[21] **2,258,631**
[13] A1
[51] Int.Cl. 6A61N5/10
[25] EN
[54] RHENIUM RADIOACTIVE CATH-
ETER
[54] CATHETER RADIOACTIF EN
RHENIUM
[72] LAVIE, Efraim, IL
[71] THE STATE OF ISRAEL, ATOMIC
ENERGY COMMISSION SOREQ NU-
CLEAR RESEARCH CEN, IL
[85] 1998-12-16
[86] 1997-06-09 (PCT/IL97/00181)
[87] 1997-12-24 (WO97/48452)
[30] IL (118669) 1996-06-17

[21] **2,258,641**
[13] A1
[51] Int.Cl. 6A61M25/00
[25] EN
[54] EXTERNALLY VALVED CATHE-
TER FOR CONTROLLED ANTEGRADE
AND RETROGRADE FLUID FLOW
[54] CATHETER A VALVE EXTERNE
POUR LA REGULATION D'UN
ECOULEMENT DE FLUIDE ANTE-
GRADE ET RETROGRADE
[72] MACOVIK, John A., US
[71] CARDEON CORPORATION, US
[85] 1998-12-16
[86] 1997-06-17 (PCT/US97/10581)
[87] 1997-12-24 (WO97/48436)
[30] US (08/664,360) 1996-06-17
[30] US (08/664,361) 1996-06-17
[30] US (08/665,635) 1996-06-18

[21] **2,258,645**
[13] A1
[51] Int.Cl. 6B65B61/18
[25] EN
[54] PROCESS FOR PRODUCTION OF
OPENING MEANS FOR A PACKAGE
[54] PROCEDE DE PRODUCTION
D'ELEMENTS D'OUVERTURE POUR
EMBALLAGE
[72] CORDES, Herbert, DE
[72] LUTTMANN, Jürgen, DE
[72] KREGEL, Gebhard, DE
[72] ALBRECHT, Bernd, DE
[72] BUSCH, Gerd, DE
[72] RABBE, Heinz-Dieter, DE
[71] EFFEM GMBH, DE
[85] 1998-12-16
[86] 1997-06-17 (PCT/DE97/01293)
[87] 1997-12-24 (WO97/48607)
[30] DE (196 24 042.5) 1996-06-17
[30] DE (196 34 759.9) 1996-08-28

Demandes PCT entrant en phase nationale

[21] **2,258,650**
[13] A1

[51] Int.Cl. 6C7D401/12 6A1N43/40
6A1N43/56 6C7D213/69 6C7D213/70
[25] EN
[54] TRISUBSTITUTED PYRIDINE
COMPOUNDS FOR HERBICIDAL USE
[54] COMPOSES DE PYRIDINE
TRISUBSTITUEE UTILISES EN TANT
QU'HERBICIDES
[72] HOELLMUELLER, Thomas, DE
[72] PONT, Joseph Luke, US
[72] KLEEMANN, Axel, DE
[72] BALTRUSCHAT, Helmut Siegfried, DE
[72] SCHEIBLICH, Stefan, DE
[72] MAIER, Thomas, DE
[71] AMERICAN CYANAMID COM-
PANY, US
[85] 1998-12-15
[86] 1997-07-29 (PCT/US97/12947)
[87] 1998-02-05 (WO98/04548)
[30] US (08/688,570) 1996-07-30

[21] **2,258,657**
[13] A1

[51] Int.Cl. 6A61M1/00 6A61M3/00
[25] EN
[54] SUCTION AND IRRIGATION
HANDPIECE AND TIP
[54] PIECE A MAIN D'ASPIRATION/IR-
RIGATION ET SON EMBOUT
[72] SAKAL, Robert, US
[72] ALBRECHT, Stephen, US
[72] FRENCH, Glen, US
[72] DAROIS, Roger, US
[72] TREMAINE, Laurence, US
[71] C.R. BARD, INC., US
[85] 1998-12-17
[86] 1997-04-07 (PCT/US97/05762)
[87] 1997-12-24 (WO97/48427)
[30] US (08/665,467) 1996-06-18

[21] **2,258,658**
[13] A1

[51] Int.Cl. 6A61M1/00 6A61M3/00
[25] EN
[54] SUCTION AND IRRIGATION
HANDPIECE AND TIP WITH RE-
TRACTABLE SPLASH SHIELD
[54] PIECE A MAIN D'ASPIRATION/IR-
RIGATION ET SON EMBOUT MUNI
D'UN PARE-ECLABOUSSURES RE-
TRACTABLE
[72] TREMAINE, Laurence, US
[72] SAKAL, Robert, US
[72] ALBRECHT, Stephen, US
[71] C.R. BARD, INC., US
[85] 1998-12-17
[86] 1997-04-03 (PCT/US97/05614)
[87] 1997-12-24 (WO97/48426)
[30] US (08/667,957) 1996-06-18

[21] **2,258,661**
[13] A1

[51] Int.Cl. 6C8G69/42 6C7K4/00
6A61K38/03 6C8G69/10
[25] EN
[54] SYNTHETIC PHOSPHOPEPTIDES
FOR TREATING BONE DISEASES
[54] PHOSPHOPEPTIDES SYNTHET-
IQUES POUR LE TRAITEMENT DES
MALADIES OSSEUSES
[72] OTAKA, Akira, JP
[72] KUMAGAI, Yoshinari, US
[71] BIG BEAR BIO, INC., US
[85] 1998-12-15
[86] 1997-06-30 (PCT/US97/11426)
[87] 1998-01-08 (WO98/00156)
[30] US (08/675,031) 1996-07-03

[21] **2,258,662**
[13] A1

[51] Int.Cl. 6A61K31/55
[25] EN
[54] USE OF K-252A DERIVATIVE FOR
THE TREATMENT OF PERIPHERAL
OR CENTRAL NERVE DISORDERS,
AND CYTOKINE OVERPRODUCTION
[54] UTILISATION DU DERIVE DE K-
252A DANS LE TRAITEMENT DE
TROUBLES DU SYSTEME NERVEUX
PERIPHERIQUE OU CENTRAL, ET DE
L'HYPERPRODUCTION DE CYTOK-
INES
[72] ENGBER, Thomas M., US
[72] HAUN, Forrest A., US
[72] SAPORITO, Michael S., US
[72] AIMONE, Lisa D., US
[72] MILLER, Matthew S., US
[72] KNIGHT, Ernest Jr., US
[71] CEPHALON, INC., US
[85] 1998-12-17
[86] 1997-06-24 (PCT/US97/10898)
[87] 1997-12-31 (WO97/49406)
[30] US (60/020,406) 1996-06-25

[21] **2,258,672**
[13] A1

[51] Int.Cl. 6C7C271/16 6C8G18/42 6C8J9/
08 6C8G18/48
[25] EN
[54] AN ALKANOLAMINE/CARBON DI-
OXIDE ADDUCT AND POLYURE-
THANE FOAM THEREWITH
[54] COMPOSE D'ADDITION D'ALCA-
NOLAMINE/DIOXYDE DE CARBONE
ET MOUSSE DE POLYURETHANNE
OBTENUE AU MOYEN DE CE COM-
POSE
[72] BOTTAZZI, Maurizio, IT
[72] GUIDETTI, Giuliano, IT
[72] PELLACANI, Luigi, NL
[71] THE DOW CHEMICAL COMPANY,
US
[85] 1998-12-17
[86] 1997-07-03 (PCT/US97/13018)
[87] 1998-02-05 (WO98/04606)
[30] US (08/681,690) 1996-07-29

PCT Applications Entering the National Phase

[21] **2,258,675**
[13] A1
[51] Int.Cl. 6A61K31/12
[25] EN
[54] 2-CYCLOPENTEN-1-ONE AS AN INDUCER OF HSP70
[54] 2-CYCLOPENTENE-1-ONE UTILISEE COMME INDUCTEUR DE LA PROTEINE DE CHOC THERMIQUE HSP70
[72] AMICI, Carla, IT
[72] ELIA, Giuliano, IT
[72] GARACI, Enrico, IT
[72] SANTORO, Maria Gabriella, IT
[72] ROSSI, Antonio, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 1998-12-17
[86] 1997-06-18 (PCT/EP97/03185)
[87] 1997-12-24 (WO97/48389)
[30] IT (RM96A000430) 1996-06-18

[21] **2,258,678**
[13] A1
[51] Int.Cl. 6C11C5/00 6A61K7/46
[25] EN
[54] PROCESS FOR PRODUCING A PARAFFIN-BASED OBJECT AND SUCH AN OBJECT
[54] PROCEDE DE PRODUCTION D'UN OBJET A BASE DE PARAFFINE, ET OBJET A BASE DE PARAFFINE
[72] MATZAT, Norbert, DE
[72] STARKE, Claus, DE
[72] MATTHÄI, Michael, DE
[71] SCHÜMANN SASOL GMBH & CO. KG, DE
[85] 1998-12-17
[86] 1997-05-24 (PCT/EP97/02670)
[87] 1997-12-24 (WO97/48784)
[30] DE (196 24 454.4) 1996-06-19
[30] DE (196 43 719.9) 1996-10-23
[30] DE (197 07 909.1) 1997-02-27

[21] **2,258,679**
[13] A1
[51] Int.Cl. 6A61K31/495 6A61K9/14 6A61K9/20 6A61K47/30 6A61K9/48
[25] EN
[54] SOLID SOLUTION OF AN ANTI-FUNGAL AGENT WITH ENHANCED BIOAVAILABILITY
[54] SOLUTION SOLIDE D'UN AGENT ANTIFONGIQUE AVEC BIODIS-
PONIBILITE AMELIOREE
[72] VADINO, Winston A., US
[72] SANGEKAR, Surendra A., US
[72] LEE, Ping I., US
[71] SCHERING CORPORATION, US
[85] 1998-12-17
[86] 1997-06-25 (PCT/US97/10120)
[87] 1998-01-08 (WO98/00113)
[30] US (08/672,706) 1996-06-28

[21] **2,258,680**
[13] A1
[51] Int.Cl. 6B65D81/26 6C8J3/20
[25] EN
[54] DESICCANT ENTRAINED POLYMER
[54] POLYMERES A AGENTS DESHYDRATANTS ENTRAINEES
[72] HEKAL, Ihab M., US
[71] CAPITOL VIAL, INC., US
[85] 1998-12-17
[86] 1998-03-05 (PCT/US98/04228)
[87] 1998-09-11 (WO98/39231)
[30] US (08/812,315) 1997-03-05

[21] **2,258,681**
[13] A1
[51] Int.Cl. 6C7J17/00 6C7J33/00 6C7J7/00 6C7J43/00
[25] EN
[54] PROCESS FOR THE PREPARATION OF 17-ESTERS OF 9.ALPHA.,21-DIHALO-PREGNANE-11.BETA.,17.ALPHA.DIOL-20-ONES
[54] PROCEDE DE PREPARATION DE 17-ESTERS DE 9.ALPHA.,21-DIHALO-PREGNANE-11.BETA.,17.ALPHA.-DIOL-20-ONES
[72] KWOK, Daw-long Albert, US
[72] TSAI, David J.S., US
[72] TANN, Chou-Hong, US
[72] FU, Xiaoyong, US
[71] SCHERING CORPORATION, US
[85] 1998-12-17
[86] 1997-06-25 (PCT/US97/10121)
[87] 1998-01-08 (WO98/00437)
[30] US (08/672,861) 1996-06-28

[21] **2,258,683**
[13] A1
[51] Int.Cl. 6A61K31/495 6A61K9/16 6A61K9/48
[25] EN
[54] ORAL COMPOSITION COMPRISING A TRIAZOLE ANTIFUNGAL COMPOUND
[54] COMPOSITION ORALE COMPRENANT UN COMPOSE ANTI-FONGIQUE DE TRIAZOLE
[72] VADINO, Winston A., US
[72] LEE, Ping I., US
[72] SANGEKAR, Surendra A., US
[71] SCHERING CORPORATION, US
[85] 1998-12-17
[86] 1997-06-25 (PCT/US97/10122)
[87] 1998-01-08 (WO98/00116)
[30] US (08/672,432) 1996-06-28

[21] **2,258,684**
[13] A1
[51] Int.Cl. 6F16L37/084
[25] EN
[54] RELEASABLE PLUG CONNECTOR WITH FITTING INDICATOR
[54] CONNECTEUR AMOVIBLE AVEC INDICATEUR DE MONTAGE
[72] HENLIN, Jean-Martin, FR
[72] TREDE, Michael, FR
[71] A. RAYMOND & CIE, FR
[85] 1998-12-18
[86] 1997-05-28 (PCT/EP97/02751)
[87] 1997-12-24 (WO97/48936)
[30] DE (196 24 524.9) 1996-06-20

[21] **2,258,696**
[13] A1
[51] Int.Cl. 6A61K31/55 6A61K31/275 6A61K31/455
[25] EN
[54] A METHOD OF TREATING LIVER DISEASE AND LIKE INDICATIONS WITH VASODILATING AGENTS
[54] PROCEDE DE TRAITEMENT DE MALADIES DU FOIE ET D'ETATS SIMILAIRES A L'AIDE D'AGENTS VASODILATEURS
[72] McLEAN, Allan Joseph, AU
[71] PHARMACY & THERAPEUTIC ADVISORY CONSULTANCY LTD., GB
[85] 1998-12-17
[86] 1997-06-18 (PCT/AU97/00384)
[87] 1997-12-24 (WO97/48396)
[30] US (08/667,147) 1996-06-20

Demandes PCT entrant en phase nationale

[21] **2,258,701**
[13] A1

[51] Int.Cl. 6C7D401/12 6C7D405/12
6C12P17/12 6C12P41/00 6C7D401/06
6C7D401/14 6C7F7/10 6C7D405/14
6C7D409/14 6C7D207/16 6A61K31/44
6A61K31/47 6A61K31/495 6A61K31/55
6C7D213/56 6C7D211/60 6C7F9/6558
6A61K31/675 6A61K31/695 6C7D211/74
[25] EN
[54] CARBOXAMIDE DERIVATIVES
OF PYRROLIDINE, PIPERIDINE AND
HEXAHYDROAZEPINE FOR THE
TREATMENT OF THROMBOSIS DIS-
ORDERS
[54] DERIVES CARBOXAMIDE DE
PYRROLIDINE, PIPERIDINE ET
HEXAHYDROAZEPINE UTILISES
DANS LE TRAITEMENT DE TROU-
BLES THROMBOTIQUES
[72] COSTANZO, Michael J., US
[72] MARYANOFF, Bruce E., US
[72] HOEKSTRA, William J., US
[71] ORTHO-MCNEIL PHARMACEUTI-
CAL, INC., US
[85] 1998-10-30
[86] 1997-04-29 (PCT/US97/07130)
[87] 1997-11-06 (WO97/41102)
[30] US (60/016,675) 1996-05-01

[21] **2,258,708**
[13] A1

[51] Int.Cl. 6C8G77/38 6C10M155/02
6C8F283/12 6C10L1/28
[25] EN
[54] DIESEL FUEL AND LUBRICATING
OIL ANTIFOAMS AND METHODS OF
USE
[54] AGENTS ANTI-MOUSSANTS POUR
CARBURANT DIESEL ET LUBRIFI-
ANTS ET METHODE D'UTILISATION
[72] GRABOWSKI, Wojciech, CH
[72] HAUBRICH, Rolf, CH
[71] WITCO CORPORATION, US
[85] 1998-10-02
[86] 1997-04-04 (PCT/US97/05150)
[87] 1997-10-16 (WO97/38067)
[30] US (60/014,836) 1996-04-04

[21] **2,258,714**
[13] A1

[51] Int.Cl. 6B65D85/88
[25] EN
[54] PACKAGING
[54] EMBALLAGE
[72] PEARSE, Michael, GB
[72] MARSHALL, Martin, GB
[72] PYTCHES, Richard Edward, GB
[72] POPE, Peter, GB
[71] DURACELL INC., US
[85] 1998-12-18
[86] 1998-04-30 (PCT/US98/08664)
[87] 1998-11-05 (WO98/49063)
[30] GB (9708931.2) 1997-05-01
[30] US (882,654) 1997-06-25

[21] **2,258,721**
[13] A1

[51] Int.Cl. 6C12N15/62 6C7K14/71
6C7K14/82 6C7K19/00 6A61K38/18
6C12N15/18 6C7K16/30 6C7K16/32
6A61K39/395 6G1N33/566 6G1N33/574
[25] EN
[54] CHIMERIC HETEROMULTIMER
ADHESINS
[54] ADHESINES HETEROMULTIM-
ERES CHIMERIQUES
[72] VANDLEN, Richard L., US
[72] FITZPATRICK, Vincent Daniel, US
[72] SLIWKOWSKI, Mark, US
[71] GENENTECH, INC., US
[85] 1998-12-18
[86] 1997-07-08 (PCT/US97/11825)
[87] 1998-01-22 (WO98/02540)
[30] US (60/021,640) 1996-07-12
[30] US (08/798,326) 1997-02-10

[21] **2,258,725**
[13] A1

[51] Int.Cl. 6C7D311/30 6A61K31/35
6C7H5/06 6A61K31/70
[25] EN
[54] ANALOGUES OR DERIVATIVES
OF QUERCETIN (PRODRUGS)
[54] ANALOGUES OU DERIVES DE
QUERCETINE (PROMEDICAMENTS)
[72] GOLDING, Bernard Thomas, GB
[72] GRIFFIN, Roger John, GB
[72] WILLIAMS, Jonathan Gareth, GB
[72] QUARTERMAN, Charmaine Paulina,
GB
[72] SLACK, John Alfred, GB
[71] COBRA THERAPEUTICS LIMITED,
GB
[85] 1998-12-18
[86] 1997-06-27 (PCT/GB97/01727)
[87] 1997-12-31 (WO97/49693)
[30] GB (9613455.6) 1996-06-27

[21] **2,258,732**
[13] A1

[51] Int.Cl. 6A61F2/06
[25] EN
[54] PROSTHETIC REPAIR OF BODY
PASSAGES
[54] RECONSTITUTION PROTHETI-
QUE DE CONDUITS DU CORPS HU-
MAIN
[72] LAUTERJUNG, Karl-Lutz, DE
[71] SULZER VASCUTEK LTD., GB
[85] 1998-12-18
[86] 1997-06-19 (PCT/GB97/01663)
[87] 1997-12-24 (WO97/48350)
[30] EP (19624642.3) 1996-06-20
[30] EP (19633588.4) 1996-08-20

[21] **2,258,734**
[13] A1

[51] Int.Cl. 6B65D51/16
[25] EN
[54] VENTED CONTAINER CONTAIN-
ING A LIQUID PRODUCT WITH PAR-
TICULATE SOLIDS
[54] RECIPIENT AERE CONTENANT
UN PRODUIT LIQUIDE AVEC DES
PARTICULES SOLIDES
[72] ROGERS, Neil John, BE
[71] THE PROCTER & GAMBLE COM-
PANY, US
[85] 1998-12-18
[86] 1997-06-23 (PCT/US97/10962)
[87] 1997-12-31 (WO97/49616)
[30] EP (96870083.1) 1996-06-26

[21] **2,258,735**
[13] A1

[51] Int.Cl. 6C12N15/38 6A61K31/70
6A61K48/00 6A61K39/245 6A61K39/295
[25] EN
[54] CANINE HERPESVIRUS BASED
RECOMBINANT LIVE VACCINE, IN
PARTICULAR AGAINST CANINE DIS-
TEMPEL, RABIES OR THE PARAIN-
FLUENZA 2 VIRUS
[54] VACCIN VIVANT RECOMBINANT
A BASE D'HERPESVIRUS CANIN, NOT-
AMMENT CONTRE LA MALADIE DE
CARRE, LA RAGE OU LE VIRUS
PARAINFLUENZA DE TYPE 2
[72] BAUDU, Philippe, FR
[72] AUDONNET, Jean-Christophe, FR
[71] MERIAL, FR
[85] 1998-12-18
[86] 1997-06-23 (PCT/FR97/01115)
[87] 1997-12-31 (WO97/49825)
[30] FR (96 08 242) 1996-06-27

PCT Applications Entering the National Phase

[21] 2,258,738
[13] A1

[51] Int.Cl. 6F16K1/44
[25] EN
[54] DOUBLE-SEATED VALVE
[72] BENEDETTI, Paolo, DK
[72] MADSEN, Karsten Schack, DK
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 1998-12-18
[86] 1997-05-28 (PCT/EP97/02779)
[87] 1998-12-03 (WO98/54493)

[21] 2,258,740
[13] A1

[51] Int.Cl. 6C7K14/79 6C7K1/18 6A61K38/40
[25] EN
[54] MANUFACTURING PROCESS FOR THE PRODUCTION OF PURIFIED TRANSFERRIN
[54] PROCEDE DE PRODUCTION DE TRANSFERRINE PURIFIEE
[72] ROLF, John M., US
[72] LATHAM, Shawn D., US
[72] OHMIZU, Akimasa, US
[72] BHATTACHARYA, Prabir, US
[71] ALPHA THERAPEUTIC CORPORATION, US
[85] 1998-12-14
[86] 1997-06-18 (PCT/US97/09808)
[87] 1997-12-31 (WO97/49414)
[30] US (08/668,351) 1996-06-26

[21] 2,258,741
[13] A1

[51] Int.Cl. 6F16L57/00 6B65D59/02
[25] EN
[54] A METHOD AND AN ARRANGEMENT FOR CLOSING AT LEAST ONE END OF A TUBE AND A PLUG FOR SAID CLOSING
[54] PROCEDE ET DISPOSITIF DE FERMETURE D'AU MOINS UNE EXTREMITÉ D'UN TUBE ET BOUCHON DE FERMETURE
[72] ANDERSSON, Loa, SE
[71] ANDERSSON, Loa, SE
[85] 1998-12-18
[86] 1997-05-13 (PCT/SE97/00784)
[87] 1998-01-08 (WO98/00666)
[30] SE (9602586-1) 1996-06-28

[21] 2,258,742
[13] A1

[51] Int.Cl. 6C12Q1/68 6C7H21/00 6C12P19/34
[25] EN
[54] PADLOCK PROBE DETECTION
[54] DETECTION PAR SONDE CADENAS
[72] KUMAR, Rajan, US
[71] SARNOFF CORPORATION, US
[85] 1998-12-14
[86] 1997-06-16 (PCT/US97/09802)
[87] 1997-12-18 (WO97/47769)
[30] US (08/665,208) 1996-06-14

[21] 2,258,747
[13] A1

[51] Int.Cl. 6C7C13/465 6C7C13/547 6C7F9/6568 6C7D221/04 6C7C63/66 6C7C205/06 6C7F7/08 6C7C45/68 6C7C201/12 6C7C209/68 6C7C43/21 6C7C69/76 6C7C25/22 6C7C49/792 6C7F9/80 6C7C17/272 6C7C41/30 6C7F7/30 6C7C67/343 6C7C51/353 6C7C211/45 6C7C2/86 6C7F9/92
[25] EN
[54] PROCESS FOR PREPARING 2-ARYL-SUBSTITUTED INDENES
[54] PROCEDE DE PREPARATION D'INDENES SUBSTITUES PAR DU 2-ARYL
[72] SITNIKOV, Alexander A., RU
[72] DUBITSKY, Yuri A., IT
[72] NIFANT'EV, Ilya E., RU
[71] MONTELL TECHNOLOGY COMPANY B.V., NL
[85] 1998-12-08
[86] 1998-04-09 (PCT/EP98/02150)
[87] 1998-10-22 (WO98/46547)
[30] EP (97201112.6) 1997-04-15

[21] 2,258,752
[13] A1

[51] Int.Cl. 6C7D471/04 6C7D241/24 6C7D401/04 6A61K31/44 6A61K31/47 6A61K31/495 6A61K31/53
[25] EN
[54] NAPHTHYRIDINES WHICH AFFECT IL-4 AND G-CSF
[54] NAPHTHYRIDINES AFFECTANT LE RECEPTEUR IL-4 ET LE FACTEUR G-CSF
[72] SOLOMON, Daniel M., US
[72] FINE, Jay S., US
[72] SHERLOCK, Margaret H., US
[72] GRACE, Michael J., US
[72] BOBER, Loretta A., US
[71] SCHERING CORPORATION, US
[85] 1998-12-18
[86] 1997-06-18 (PCT/US97/09202)
[87] 1997-12-24 (WO97/48368)
[30] US (08/669,185) 1996-06-20

[21] 2,258,753
[13] A1

[51] Int.Cl. 6C7D401/14 6A61K31/445
[25] EN
[54] PIPERIDINE ACETIC ACID DERIVATIVES AND THEIR USE IN THE TREATMENT OF THROMBOTIC DISORDERS
[54] DERIVES PIPERIDINE DE L'ACIDE ACETIQUE ET LEUR UTILISATION DANS LE TRAITEMENT DES TROUBLES THROMBOTIQUES
[72] ALLEN, David George, GB
[72] JUDKINS, Brian David, GB
[72] ELDRED, Colin David, GB
[72] MITCHELL, William Leonard, GB
[71] GLAXO GROUP LIMITED, GB
[85] 1998-12-18
[86] 1997-06-19 (PCT/EP97/03196)
[87] 1997-12-31 (WO97/49699)
[30] GB (9613017.4) 1996-06-21
[30] GB (9613095.0) 1996-06-21
[30] GB (9613018.2) 1996-06-21

Demandes PCT entrant en phase nationale

[21] **2,258,757**
[13] A1

[51] **Int.Cl. 6A61N1/36 6A61N1/37**
[25] EN
[54] **GAIN CONTROL FOR A PERIODIC SIGNAL AND METHOD REGARDING SAME**
[54] **COMMANDE DE GAIN POUR UN SIGNAL PERIODIQUE ET PROCEDE S'Y RAPPORTANT**
[72] NEISZ, Johann J., US
[72] CHRISTOPHERSON, Mark A., US
[71] MEDTRONIC, INC., US
[85] 1998-12-18
[86] 1997-06-25 (PCT/US97/11024)
[87] 1997-12-31 (WO97/49451)
[30] US (08/673,718) 1996-06-26

[21] **2,258,758**
[13] A1

[51] **Int.Cl. 6C8K3/34 6C4B26/02 6C8K9/04**
[25] EN
[54] **COMPOSITE PRODUCT**
[54] **PRODUIT COMPOSITE**
[72] SYMONS, Michael Windsor, ZA
[71] WINDSOR TECHNOLOGIES LIMITED, BS
[85] 1998-12-18
[86] 1997-06-26 (PCT/GB97/01750)
[87] 1997-12-31 (WO97/49532)
[30] ZA (96/5466) 1996-06-27

[21] **2,258,761**
[13] A1

[51] **Int.Cl. 6F16L55/02 6B62D5/06**
[25] EN
[54] **ENERGY ATTENUATION DEVICE FOR A FLUID-CONVEYING LINE**
[54] **DISPOSITIF AMORTISSEUR POUR LIGNE DE TRANSPORT DE FLUIDE**
[72] COOPER, Jack R., US
[72] CHEN, Yungwei, US
[71] DAYCO PRODUCTS, INC., US
[85] 1998-12-18
[86] 1997-06-27 (PCT/US97/12763)
[87] 1998-01-08 (WO98/00664)
[30] US (60/020,945) 1996-07-01
[30] US (08/853,770) 1997-05-09

[21] **2,258,766**
[13] A1

[51] **Int.Cl. 6G5B19/418**
[25] EN
[54] **PROCESS AND SYSTEM FOR COMMISSIONING INDUSTRIAL PLANTS, IN PARTICULAR IN THE PRIMARY INDUSTRY**
[54] **PROCEDE ET SYSTEME DE MISE EN SERVICE D'INSTALLATIONS INDUSTRIELLES, NOTAMMENT DANS L'INDUSTRIE DE BASE**
[72] SORDEL, Günter, DE
[71] SIEMENS AKTIENGESellschaft, DE
[85] 1998-12-18
[86] 1997-06-20 (PCT/DE97/01285)
[87] 1997-12-31 (WO97/50021)
[30] DE (196 24 926.0) 1996-06-21

[21] **2,258,768**
[13] A1

[51] **Int.Cl. 6C7D257/02 6C7D487/22**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF TETRAAZAMACROCYCLES**
[54] **PROCEDE POUR LA PREPARATION DE TETRAAZAMACROCYCLES**
[72] ARGESI, Maria, IT
[72] SCALA, Alessandro, IT
[72] RIPA, Giorgio, IT
[72] VALLE, Vittorio, IT
[71] DIBRA S.P.A., IT
[85] 1998-12-18
[86] 1997-06-09 (PCT/EP97/02987)
[87] 1997-12-31 (WO97/49691)
[30] IT (MI96A001257) 1996-06-21

[21] **2,258,779**
[13] A1

[51] **Int.Cl. 6C7F7/10 6C3C17/30 6C9D5/32 6B32B17/00 6B5D5/06 6G2B1/10**
[25] EN
[54] **ULTRAVIOLET ABSORBING MATERIAL AND ULTRAVIOLET ABSORBING PLATE**
[54] **MATERIAU ABSORBANT LES ULTRAVIOLETS ET PLAQUES D'ABSORPTION DES ULTRAVIOLETS**
[72] ASANO, Teyoshi, JP
[72] TAKAESU, Noboru, JP
[72] MINAMI, Masaki, JP
[72] NISHIKITANI, Yoshinori, JP
[71] NIPPON OIL COMPANY, LTD., JP
[85] 1998-12-18
[86] 1997-06-27 (PCT/JP97/02240)
[87] 1997-12-31 (WO97/49778)
[30] JP (8/167116) 1996-06-27
[30] JP (8/170100) 1996-06-28
[30] JP (9/10468) 1997-01-23
[30] JP (9/24333) 1997-01-23
[30] JP (9/24334) 1997-01-23
[30] JP (9/24335) 1997-01-23
[30] JP (9/132002) 1997-05-22

[21] **2,258,780**
[13] A1

[51] **Int.Cl. 6A61K7/021 6A61K7/44 6A61K7/48**
[25] EN
[54] **COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES**
[72] SANG, Chune, GB
[72] STONEHOUSE, Jonathan Richard, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-18
[86] 1997-06-23 (PCT/US97/10991)
[87] 1998-03-19 (WO98/10741)
[30] GB (9613458.0) 1996-06-27
[30] GB (9619109.3) 1996-09-12

[21] **2,258,781**
[13] A1

[51] **Int.Cl. 6A61K7/02 6A61K7/48**
[25] EN
[54] **COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES**
[72] SANG, Chune, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-18
[86] 1997-06-23 (PCT/US97/09700)
[87] 1997-12-31 (WO97/49375)
[30] GB (9613524.9) 1996-06-27
[30] GB (9619110.1) 1996-09-12

PCT Applications Entering the National Phase

[21] 2,258,782
[13] A1
[51] Int.Cl. 6A61C8/00
[25] EN
[54] DENTAL PROSTHESIS SYSTEM, COMPONENTS FOR DENTAL PROSTHESIS SYSTEM AND METHODS FOR SUCH A DENTAL PROSTHESIS SYSTEM
[54] SYSTEME DE PROTHESE DENTAIRE, COMPOSANTS POUR UN SYSTEME DE PROTHESE DENTAIRE ET PROCES RELATIFS A UN SYSTEME DE PROTHESE DENTAIRE
[72] BRANEMARK, Per-Ingvar, SE
[71] MEDEVELOP AB, SE
[85] 1998-12-18
[86] 1997-06-12 (PCT/SE97/01036)
[87] 1997-12-31 (WO97/49351)
[30] SE (9602554-9) 1996-06-27

[21] 2,258,784
[13] A1
[51] Int.Cl. 6A61F5/052
[25] EN
[54] AN ORTHOPEDIC BANDAGE
[54] BANDAGE ORTHOPEDIQUE
[72] SKJOLDBORG, Soren, DK
[71] MOBICARE APS, DK
[85] 1998-12-18
[86] 1997-06-23 (PCT/DK97/00276)
[87] 1997-12-31 (WO97/49359)
[30] DK (0690/96) 1996-06-21

[21] 2,258,787
[13] A1
[51] Int.Cl. 6A47J37/08 6A47J37/00
[25] EN
[54] CONTAINER FOR HEATING A FOOD ARTICLE IN A TOASTER
[54] RECIPIENT POUR CHAUFFER UNE DENREE ALIMENTAIRE DANS UN GRILLE-PAIN
[72] BONO, James Lee, US
[72] TUCKER, Lewis Alexander, US
[72] YEE, Deborah Jane, US
[71] THE PROCTOR & GAMBLE COMPANY, US
[85] 1998-12-18
[86] 1997-06-23 (PCT/US97/10971)
[87] 1997-12-24 (WO97/48318)
[30] US (60/020,186) 1996-06-21

[21] 2,258,789
[13] A1
[51] Int.Cl. 6C12N15/18 6C7K14/475 6C7K14/705 6C7K14/71 6A61K38/17 6A61K38/18
[25] EN
[54] ENDODERM, CARDIAC AND NEURAL INDUCING FACTORS
[54] INDUCTEURS DES TISSUS ENODERMNIQUES, CARDIAQUES ET NEURONAUX
[72] DE ROBERTIS, Edward M., US
[72] BOUWMEESTER, Tewis, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1998-12-18
[86] 1997-06-19 (PCT/US97/10942)
[87] 1997-12-24 (WO97/48275)
[30] US (60/020,150) 1996-06-20
[30] US (08/878,474) 1997-06-18

[21] 2,258,791
[13] A1
[51] Int.Cl. 6A47J36/38 6A47J37/12
[25] FR
[54] DISPOSITIF DE CONDENSATION DE VAPEURS DE CUISSON ET APPAREIL DE CUISSON COMPORTANT UN TEL DISPOSITIF
[54] DEVICE FOR CONDENSING COOKING STEAMS AND COOKING APPARATUS COMPRISING SAME
[72] COLLAS, Guy, FR
[72] BOUFFAY, Alain, FR
[71] MOULINEX S.A., FR
[85] 1998-12-14
[86] 1997-06-13 (PCT/FR97/01058)
[87] 1997-12-31 (WO97/49320)
[30] FR (96/07725) 1996-06-21

[21] 2,258,792
[13] A1
[51] Int.Cl. 6A61K48/00 6C12N15/10 6A61K31/70
[25] FR
[54] PROCEDE DE PRODUCTION D'ADN THERAPEUTIQUE
[54] METHOD FOR PRODUCING THERAPEUTIC DNA
[72] CROUZET, Joël, FR
[72] CAMERON, Béatrice, FR
[71] RHONE-POULENC RORER S.A., FR
[85] 1998-12-15
[86] 1997-06-24 (PCT/FR97/01116)
[87] 1998-01-15 (WO98/01540)
[30] FR (96/08327) 1996-07-04

[21] 2,258,803
[13] A1
[51] Int.Cl. 6C12Q1/02 6C12N5/08
[25] EN
[54] BIOCHEMICAL ANALYSIS OF ANTIOXIDANT FUNCTION
[54] ANALYSE BIOCHIMIQUE DE LA FONCTION ANTIOXYDANTE
[72] CRAWFORD, J. Fred, US
[72] BUCCI, Luke, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 1998-12-18
[86] 1997-06-18 (PCT/US97/10328)
[87] 1997-12-24 (WO97/48821)
[30] US (08/665,941) 1996-06-19

[21] 2,258,805
[13] A1
[51] Int.Cl. 6A61M25/02 6A61B17/34 6A61M29/00
[25] EN
[54] APPARATUS AND METHOD FOR SURGICALLY ACCESSING A BODY CAVITY
[54] DISPOSITIF ET PROCEDE PERMETTANT DE REALISER UN ACCES CHIRURGICAL A UNE CAVITE CORPORELLE
[72] HART, Charles C., US
[72] TAYLOR, Scott V., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 1998-12-17
[86] 1997-10-07 (PCT/US97/18060)
[87] 1998-04-16 (WO98/15309)
[30] US (08/726,615) 1996-10-07

[21] 2,258,812
[13] A1
[51] Int.Cl. 6A61N1/36 6A61N1/37
[25] EN
[54] METHOD AND APPARATUS FOR OPERATING THERAPY SYSTEM
[54] PROCEDE ET APPAREIL PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME THERAPEUTIQUE
[72] CHRISTOPHERSON, Mark A., US
[72] NEISZ, Johann J., US
[71] MEDTRONIC, INC., US
[85] 1998-12-18
[86] 1997-06-25 (PCT/US97/11025)
[87] 1997-12-31 (WO97/49452)
[30] US (08/683,808) 1996-06-26

Demandes PCT entrant en phase nationale

[21] **2,258,816**

[13] A1

[51] Int.Cl. 6G4B45/00 6G4B19/10

[25] EN

[54] HOROLOGE WITH REMOVABLE AND INTERCHANGEABLE FACE

[54] MONTRE A CADRAN AMOVIBLE ET INTERCHANGEABLE

[72] JACOBI, James J., Jr., US

[71] NORTH RIVER CONSULTING, INC., US

[85] 1998-12-18

[86] 1997-06-20 (PCT/US97/10928)

[87] 1997-12-24 (WO97/49008)

[30] US (08/668,958) 1996-06-21

[21] **2,258,821**

[13] A1

[51] Int.Cl. 6C12Q1/68 6A1H5/00

6A61K45/00 6G1N33/02 6C12Q1/25

6A23L1/29 6G1N33/53

[25] EN

[54] METHOD OF SCREENING FOODS FOR NUTRACEUTICALS

[54] METHODE DE CRIBLAGE D'ALIMENTS PERMETTANT D'IDENTIFIER LES NEUTRACEUTIQUES

[72] BOYD, Charles, US

[72] ROSEN, Robert T., US

[72] CSISZAR, Katalin, US

[72] HO, Chi-Tang, US

[72] GHAI, Geetha, US

[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US

[85] 1998-12-18

[86] 1997-06-20 (PCT/US97/10368)

[87] 1997-12-24 (WO97/48823)

[30] US (08/670,826) 1996-06-20

[21] **2,258,824**

[13] A1

[51] Int.Cl. 6C12N15/54 6C12P19/02

6C12N9/10

[25] EN

[54] ACYLTRANSFERASE AND GENE ENCODING ACYLTRANSFERASE

[54] ACYLTRANSFERASE ET GENE CODANT L'ACYLTRANSFERASE

[72] STEFFENS, John C., US

[72] GHANGAS, Gurdev S., US

[71] CORNELL RESEARCH FOUNDATION, INC., US

[85] 1998-12-18

[86] 1997-06-18 (PCT/US97/11005)

[87] 1997-12-24 (WO97/48811)

[30] US (08/665,966) 1996-06-21

[21] **2,258,829**

[13] A1

[51] Int.Cl. 6A61N1/30

[25] EN

[54] ELECTROPERATION-MEDIATED INTRAVASCULAR DELIVERY

[54] ADMINISTRATION INTRAVASCULAIRE PAR ELECTROPORATION

[72] HOFMANN, Gunter A., US

[72] DEV, Sukhendu B., US

[72] DEV, Nagendu B., US

[71] GENETRONICS, INC., US

[85] 1998-12-18

[86] 1997-06-23 (PCT/US97/10975)

[87] 1997-12-31 (WO97/49450)

[30] US (08/668,725) 1996-06-24

[21] **2,258,836**

[13] A1

[51] Int.Cl. 6B1J20/24 6A61M1/36

[25] EN

[54] ADSORBENT CARRIER USED IN DIRECT HEMOPERFUSION AND METHOD FOR REDUCING THE PARTICLE SIZE THEREOF

[54] SUPPORT ADSORBANT CONVENANT A L'HEMOPERFUSION DIRECTE ET PROCEDE DE REDUCTION DE LA TAILLE PARTICULAIRE DE CE SUPPORT

[72] TAKATA, Satoshi, JP

[72] KOBAYASHI, Akira, JP

[71] KANEKA CORPORATION, JP

[85] 1998-12-14

[86] 1997-05-30 (PCT/JP97/01868)

[87] 1997-12-24 (WO97/48428)

[30] JP (161925/1996) 1996-06-21

[21] **2,258,840**

[13] A1

[51] Int.Cl. 6A61K39/00 6A61K39/12

6A61K39/385

[25] EN

[54] INDUCTION OF CTLS SPECIFIC FOR NATURAL ANTIGENS BY CROSS-PRIMING IMMUNIZATION

[54] INDUCTION DES LYMPHOCYTES T CYTOTOXIQUES SPECIFIQUES CONTRE DES ANTIGENES NATURELS PAR IMMUNISATION PAR AMORCAGE CROISE

[72] FALO, Louis D., Jr., US

[72] ROCK, Kenneth L., US

[71] DANA-FARBER CANCER INSTITUTE, US

[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[85] 1998-12-18

[86] 1997-06-18 (PCT/US97/10195)

[87] 1998-01-08 (WO98/00163)

[30] US (08/675,332) 1996-06-28

[21] **2,258,845**

[13] A1

[51] Int.Cl. 6B32B3/24 6B29D7/00

6B32B27/06 6A61F13/15

[25] EN

[54] METHOD FOR FORMING A COMPOSITE ELASTIC MATERIAL

[54] PROCEDE DE FORMATION D'UN MATERIAU ELASTIQUE COMPOSITE

[72] DOBRIN, George Christopher, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 1998-12-21

[86] 1997-06-23 (PCT/US97/09698)

[87] 1997-12-31 (WO97/49364)

[30] US (08/669,686) 1996-06-24

[21] **2,258,849**

[13] A1

[51] Int.Cl. 6A61K47/48 6C8B37/00

6A61L15/28 6A61K47/36

[25] EN

[54] OXIDIZED OLIGOSACCHARIDES

[54] OLIGOSACCHARIDES OXYDES

[72] SAFERSTEIN, Lowell, US

[72] LORIMER, Elaine, GB

[72] WATT, Paul William, GB

[72] DOYLE, Peter John, GB

[71] JOHNSON & JOHNSON MEDICAL LTD., GB

[85] 1998-12-21

[86] 1997-06-27 (PCT/GB97/01726)

[87] 1998-01-08 (WO98/00446)

[30] GB (96136833) 1996-06-28

PCT Applications Entering the National Phase

[21] 2,258,852
[13] A1
[51] Int.Cl. 6A61N1/34 6A61N1/04
[25] EN
[54] METHOD OF IMPROVING EFFICACY AND SENSORY TOLERANCE WITH A CONTINUOUS PULSE, NON-MODULATED NON-BURST MODE NERVE STIMULATOR
[54] PROCEDE D'AMELIORATION DE L'EFFICACITE ET DE LA TOLERANCE SENSORIELLE DANS LE CAS D'UN STIMULATEUR NERVEUX EN MODE NON MODULE - NON RAFALE A IMPULSION CONTINUE
[72] HOLCOMB, Robert R., US
[71] HOLCOMB, Robert R., US
[85] 1998-12-21
[86] 1996-06-19 (PCT/US96/10589)
[87] 1997-01-30 (WO97/02861)

[21] 2,258,853
[13] A1
[51] Int.Cl. 6B65D83/38 6B65D1/04 6B65D77/06 6B29C49/22
[25] EN
[54] CONTAINER WITH PRESSURE COMPENSATION HOLES
[54] RECIPIENT POURVU D'OUVERTURES D'EQUILIBRAGE DE LA PRES-SION
[72] KNEER, Roland, DE
[71] GAPLAST GMBH, DE
[85] 1998-12-23
[86] 1997-06-27 (PCT/DE97/01348)
[87] 1998-01-15 (WO98/01366)
[30] DE (196 26 968.7) 1996-07-04

[21] 2,258,854
[13] A1
[51] Int.Cl. 6A61N2/02
[25] EN
[54] ELECTROMAGNETIC THERAPEUTIC TREATMENT DEVICE AND METHODS OF USING SAME
[54] DISPOSITIF DE TRAITEMENT ELECTROMAGNETIQUE ET PRO-CEDES D'UTILISATION DE CELUI-CI
[72] HOLCOMB, Robert R., US
[71] HOLCOMB, Robert R., US
[85] 1998-12-21
[86] 1996-06-19 (PCT/US96/10590)
[87] 1997-01-09 (WO97/00639)

[21] 2,258,858
[13] A1
[51] Int.Cl. 6C12N15/11 6A61K35/14 6C12N9/22 6A61K35/28 6A61K48/00 6C7H21/02 6A61K31/70
[25] EN
[54] NOVEL ANTI-HIV RIBOZYMES
[54] NOUVELLES RIBOZYMES ANTI-VIH
[72] BARBER, Jack, US
[72] YU, Mang, US
[72] DUARTE, Elizabeth, US
[72] LEAVITT, Markley C., US
[72] TRITZ, Richard, US
[71] IMMUSOL INCORPORATED, US
[85] 1998-12-14
[86] 1997-06-11 (PCT/US97/10294)
[87] 1997-12-18 (WO97/47770)
[30] US (60/020,484) 1996-06-13
[30] US (08/719,593) 1996-09-25

[21] 2,258,860
[13] A1
[51] Int.Cl. 6A61F13/56
[25] EN
[54] ABSORBENT ARTICLE HAVING FLEXURE RESISTANT ELASTICIZED CUFFS
[54] ARTICLE ABSORBANT POURVU DE BARRIERES LATERALES ELAS-TIQUES RESISTANT A LA FLEXION
[72] HUNTER, Allison Kay, US
[72] BUCK, Kimberly Ann, US
[72] McFALL, Ronald Ray, US
[72] LAMPSON, Patricia Lee, US
[71] THE PROCTER & GAMBLE COM-PANY, US
[85] 1998-12-21
[86] 1997-06-17 (PCT/US97/10479)
[87] 1997-12-31 (WO97/49365)
[30] US (08/671,424) 1996-06-27

[21] 2,258,864
[13] A1
[51] Int.Cl. 6B29C39/04 6A23P1/10 6A23G1/21 6B29C39/26
[25] EN
[54] ABOVE MOULD MOULDING AP-PARATUS AND METHOD
[54] APPAREIL ET PROCEDE DE MOU-LAGE AU DESSUS D'UN MOULE
[72] BOYHAN, Laurence Anthony, AU
[71] GRADUAL PTY. LTD., AU
[85] 1998-12-23
[86] 1997-06-24 (PCT/AU97/00401)
[87] 1997-12-31 (WO97/49296)
[30] AU (PO 0661) 1996-06-25

[21] 2,258,869
[13] A1
[51] Int.Cl. 6A61F5/48 6A61M25/04
[25] EN
[54] ANCHORING SYSTEM AND METHOD FOR INDWELLING URE-THRAL CATHETER
[54] SYSTEME D'ANCRAGE ET PRO-CEDE D'INSERTION D'UN CATHETER URETRO-VESICAL
[72] DAVIS, Richard C., US
[71] UROCATH CORPORATION, US
[85] 1998-12-23
[86] 1997-06-06 (PCT/US97/13428)
[87] 1998-01-08 (WO98/00192)
[30] US (08/674,722) 1996-07-02

[21] 2,258,871
[13] A1
[51] Int.Cl. 6C12N15/18 6C7K14/505 6A61K38/18
[25] EN
[54] POLYPEPTIDES MIMICKING THE ACTIVITY OF HUMAN ERYTHROPOI-ETIN
[54] POLYPEPTIDES IMITANT L'AC-TIVITE DE L'ERYTHROPOIETINE DE L'HOMME
[72] VELJKOVIC, Veljiko, YU
[72] MARKOVIC, Dejan, IT
[72] METLAS, Radmila, IT
[71] DIAPHARM LIMITED, GB
[85] 1998-12-23
[86] 1997-06-20 (PCT/EP97/03228)
[87] 1997-12-31 (WO97/49729)
[30] GB (9613289.9) 1996-06-25

Demandes PCT entrant en phase nationale

[21] **2,258,872**

[13] A1

[51] Int.Cl. 6C12N15/13 6C7K16/40
6A1K67/027 6C12N15/54 6C12N5/10
6C12N9/10 6A61K35/12

[25] FR

[54] PROCEDE DE PREPARATION
D'ORGANES DE MAMMIFERES NON
HUMAINS TRANSGENIQUES EN VUE
DE LEUR TRANSPLANTATION CHEZ
L'HOMME, ET SEQUENCES NUCLEO-
TIDIQUES POUR LA MISE EN OEUVRE
DE CE PROCEDE

[54] METHOD FOR PREPARING
TRANSGENIC NON-HUMAN MAMMA-
LIAN ORGANS FOR TRANSPLANTA-
TION TO HUMANS, AND NUCLEOTIDE
SEQUENCES THEREFOR

[72] VANHOVE, Bernard, FR

[72] POURCEL, Christine, FR

[72] SOULILLOU, Jean-Paul, FR

[71] INSERM (INSTITUT NATIONAL DE
LA SANTÉ ET DE LA RECHERCHE MÉDI-
CALE), FR

[85] 1998-12-16

[86] 1997-07-18 (PCT/FR97/01340)

[87] 1998-01-29 (WO98/03653)

[30] FR (96.09077) 1996-07-19

[21] **2,258,881**

[13] A1

[51] Int.Cl. 6B65D81/26 6B65D85/86
6B65D77/24

[25] EN

[54] NON-RECLOSABLE PACKAGES
CONTAINING DESICCANT MATRIX
AND METHOD OF FORMING SUCH
PACKAGES

[54] EMBALLAGES NON-REFERM-
ABLES CONTENANT UNE MATRICE
DESSECHANTE ET PROCEDE DE FOR-
MATION DE TELS EMBALLAGES

[72] CHU, Jia-Ni, US

[72] PRYOR, James N., US

[72] SAURO, Raymond J., US

[71] W.R. GRACE & CO.-CONN., US

[85] 1998-12-22

[86] 1997-06-11 (PCT/US97/10042)

[87] 1998-01-08 (WO98/00352)

[30] US (08/673,401) 1996-06-28

[21] **2,258,901**

[13] A1

[51] Int.Cl. 6F16K11/22 6A61H35/02
6G5D23/13

[25] EN

[54] THERMOSTATIC CONTROL
VALVE SYSTEM FOR USE IN EMER-
GENCY SHOWER AND EYEWASH SYS-
TEMS

[54] MITIGEUR THERMOSTATIQUE
POUR SYSTEMES DE DOUCHE DE DE-
CONTAMINATION ET DE DOUCHE
OCULAIRE

[72] KLINE, Kevin B., US

[72] GREGORY, Steven, US

[71] LAWLER MANUFACTURING, US

[85] 1998-12-21

[86] 1997-06-20 (PCT/US97/10665)

[87] 1997-12-24 (WO97/49021)

[30] US (08/668,403) 1996-06-21

[21] **2,258,906**

[13] A1

[51] Int.Cl. 6C7K9/00 6A61K38/14

[25] EN

[54] AMIDES

[54] AMIDES

[72] ZWEIFEL, Mark James, US

[72] SNYDER, Nancy June, US

[72] RODRIGUEZ, Michael John, US

[72] COOPER, Robin David Grey, US

[71] ELI LILLY AND COMPANY, US

[85] 1998-12-23

[86] 1997-06-25 (PCT/US97/11094)

[87] 1998-01-08 (WO98/00153)

[30] US (60/020,774) 1996-06-28

[30] US (08/847,069) 1997-05-01

[21] **2,258,907**

[13] A1

[51] Int.Cl. 6A61K9/127 6A61K7/40
6A61L31/00 6A61F6/04 6C12N7/06

[25] EN

[54] NONOXYNOL-CONTAINING
LIPID VESICLES WITH ANTI-VIRAL
AND SPERMICIDAL ACTIVITY

[54] VESICULES LIPIDIQUES CONTE-
NANT DU NONOXYNOL A ACTIVITE
ANTIVIRALE ET SPERMICIDE

[72] WRIGHT, Craig D., US

[71] NOVAVAX, INC., US

[85] 1998-12-21

[86] 1997-05-20 (PCT/US97/08474)

[87] 1997-12-11 (WO97/46667)

[30] US (08/661,051) 1996-06-07

[21] **2,258,912**

[13] A1

[51] Int.Cl. 6B60R21/32

[25] EN

[54] SEAT BELT TENSION PREDIC-
TION SYSTEM USING AN ACCELER-
OMETER MOUNTED TO THE SEAT
FRAME AND A WEIGHT SENSOR

[54] SYSTEME DE PREDICTION DE LA
TENSION D'UNE CEINTURE DE SECURITE
COMPRENANT UN ACCELER-
OMETRE MONTE SUR LE CADRE DU
SIEGE ET UN DETECTEUR DE MASSE

[72] STANLEY, James Gregory, US

[71] AUTOMOTIVE SYSTEMS LABORA-
TORY, INC., US

[85] 1998-12-21

[86] 1998-05-12 (PCT/US98/09696)

[87] 1998-11-19 (WO98/51546)

[30] US (60/046,233) 1997-05-12

[30] US (075,584) 1998-05-11

[21] **2,258,914**

[13] A1

[51] Int.Cl. 6B32B7/00 6B32B29/00
6B41M7/00 6B44C1/16 6G3H1/22 6G2B5/
32

[25] EN

[54] HOLOGRAPHICALLY TRANS-
FERRABLE IMAGES

[54] TRANSFERT HOLOGRAPHIQUE
D'IMAGES

[72] STEPANEK, Michael J., US

[71] HAMPSHIRE HOLOGRAPHIC MAN-
UFACTURING CORP., US

[85] 1998-12-21

[86] 1997-06-18 (PCT/US97/09805)

[87] 1998-01-15 (WO98/01292)

[30] US (679,347) 1996-07-09

[21] **2,258,916**

[13] A1

[51] Int.Cl. 6A61C5/04 6A61K6/083
6B1F13/00

[25] EN

[54] DELIVERY SYSTEM FOR NON-
AQUEOUS PASTE DENTAL MATERI-
ALS

[54] SYSTEME D'APPORT POUR MA-
TERIAUX DENTAIRE PATEUX NON
AQUEUX

[72] ROGERS, Ralph F., US

[71] MINNESOTA MINING AND MANU-
FACTURING COMPANY, US

[85] 1998-12-23

[86] 1996-11-01 (PCT/US96/17432)

[87] 1998-01-08 (WO98/00071)

[30] US (08/672253) 1996-06-28

PCT Applications Entering the National Phase

[21] **2,258,925**
[13] A1
[51] Int.Cl. 6G1V15/00 6G8G1/127 6G1V3/00
[25] EN
[54] SENSING WITH ACTIVE ELECTRONIC TAGS
[54] DETECTION AU MOYEN D'ETIQUETTES ELECTRONIQUES ACTIVES
[72] WEIMAR, James H., US
[72] WOOLLEY, Louis A., US
[71] PAR GOVERNMENT SYSTEMS CORPORATION, US
[85] 1998-12-23
[86] 1997-06-26 (PCT/US97/11334)
[87] 1997-12-31 (WO97/50065)
[30] US (08/670,621) 1996-06-26

[21] **2,258,929**
[13] A1
[51] Int.Cl. 6F1N3/02 6B3C3/011
[25] FR
[54] DISPOSITIF ET PROCEDE DE FILTRATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE ET VEHICULE EQUIPE D'UN TEL DISPOSITIF
[54] DEVICE AND METHOD FOR FILTERING INTERNAL COMBUSTION ENGINE EXHAUST GASES AND VEHICLE EQUIPPED WITH SUCH A DEVICE
[72] TEBOUL, Daniel, FR
[71] TEBOUL, Daniel, FR
[85] 1998-12-17
[86] 1997-06-24 (PCT/FR97/01121)
[87] 1997-12-31 (WO97/49904)
[30] FR (96/08198) 1996-06-25

[21] **2,258,930**
[13] A1
[51] Int.Cl. 6A61G7/057 6B32B15/08 6G1B7/00 6G1B7/26 6B32B3/02
[25] FR
[54] PRODUIT MULTICOUCHE A COUCHE CENTRALE ELECTRIQUEMENT CONDUCTRICE UTILE COMME ELEMENT DE CAPTEUR INDUCTIF
[54] MULTILAYER ASSEMBLY WITH A CENTRAL ELECTRICALLY CONDUCTIVE LAYER FOR USE AS AN INDUCTIVE SENSOR ELEMENT
[72] MONTANT, Jean-Marc, FR
[72] CAMINADE, Jean-Luc, FR
[71] SUPPORT SYSTEMS INTERNATIONAL INDUSTRIES, FR
[85] 1998-12-17
[86] 1997-07-22 (PCT/FR97/01359)
[87] 1998-01-29 (WO98/03143)
[30] FR (96/09283) 1996-07-24

[21] **2,258,933**
[13] A1
[51] Int.Cl. 6F25B49/02
[25] EN
[54] VARIABLE SPEED CONTROL OF A CENTRIFUGAL CHILLER USING FUZZY LOGIC
[54] CONTROLE DE VITESSE VARIABLE A LOGIQUE FLOUE POUR REFROIDISSEUR CENTRIFUGE
[72] BEAVERSON, Gregory K., US
[72] SHORES, Craig N., US
[72] WUESCHINSKI, Russell P., US
[72] HANSEN, John C., US
[71] YORK INTERNATIONAL CORPORATION, US
[85] 1998-12-23
[86] 1997-06-23 (PCT/US97/10836)
[87] 1997-12-31 (WO97/50022)
[30] US (08/671,481) 1996-06-27

[21] **2,258,936**
[13] A1
[51] Int.Cl. 6C12Q1/68 6C7H21/00
[25] FR
[54] PROCEDE DE FORMATION DE COMPLEXES D'HYBRIDATION DONT LA STABILITE DEPEND PEU DE LA COMPOSITION EN BASE DES DEUX MOLECULES D'ACIDES NUCLEIQUES HYBRIDEES
[54] METHOD FOR PRODUCING HYBRIDISATION COMPLEXES WHOSE STABILITY IS SUBSTANTIALLY INDEPENDENT OF THE BASE COMPOSITION OF TWO HYBRIDISED NUCLEIC ACID MOLECULES
[72] NGUYEN, Thuong, FR
[72] ASSELINE, Ulysse, FR
[72] DURAND, Maurice, FR
[72] DUPRET, Daniel, FR
[72] BONFILS, Edwige, FR
[72] MAURIZOT, Jean-Claude, FR
[72] NGUYEN, H.K., FR
[71] APPLIGENE-ONCOR S.A., FR
[85] 1998-12-21
[86] 1997-06-25 (PCT/FR97/01131)
[87] 1997-12-31 (WO97/49833)
[30] FR (96/08027) 1996-06-27

[21] **2,258,937**
[13] A1
[51] Int.Cl. 6B41M1/34 6B41J3/407
[25] FR
[54] PROCEDE DE FABRICATION D'UN SUBSTRAT EN VERRE POUR VU DE MOTIF(S) A BASE D'ENCRE(S)
[54] METHOD FOR MAKING A GLASS SUBSTRATE WITH INK-BASED PATTERNS
[72] NICOLIN, Heinz-Josef, DE
[71] SAINT-GOBAIN VITRAGE, FR
[85] 1998-12-23
[86] 1998-04-29 (PCT/FR98/00861)
[87] 1998-11-05 (WO98/49013)
[30] DE (197 18 303.4) 1997-04-30

[21] **2,258,941**
[13] A1
[51] Int.Cl. 6G1N33/543 6G1N33/553 6C12Q1/68
[25] EN
[54] BROAD SPECIFICITY AFFINITY ARRAYS: A QUALITATIVE APPROACH TO COMPLEX SAMPLE DISCRIMINATION
[54] ENSEMBLES A VASTE SPECIFICITE ET AFFINITE: APPROCHE QUALITATIVE DE LA DISCRIMINATION D'ECHANTILLONS COMPLEXES
[72] DANIELSSON, Bengt, SE
[72] WINQVIST, Fredrick, SE
[72] MECKLENBURG, Michael, SE
[71] INTERACTIVA BIOTECHNOLOGIE GMBH, DE
[85] 1998-12-23
[86] 1997-06-24 (PCT/EP97/03317)
[87] 1997-12-31 (WO97/49989)
[30] SE (9602545-7) 1996-06-25

[21] **2,258,952**
[13] A1
[51] Int.Cl. 6B60S5/02
[25] EN
[54] PREASSEMBLED UNDERGROUND SECONDARY CONTAINMENT SYSTEM FOR CONTAINING FUEL
[54] SYSTEME DE CONFINEMENT SOUTERRAIN SECONDAIRE PREASSEMBLE POUR CARBURANTS
[72] GLEESON, Bentley Francis, US
[71] TOTAL CONTAINMENT, INC., US
[85] 1998-12-21
[86] 1997-06-24 (PCT/US97/10111)
[87] 1997-12-31 (WO97/49585)
[30] US (08/670,807) 1996-06-25

Demandes PCT entrant en phase nationale

[21] **2,258,959**

[13] A1

[51] Int.Cl. 6F16K27/02 6F2D9/10 6F16K1/22

[25] FR

[54] VANNE PAPILLON POUR LA REGULATION DU DEBIT D'UN FLUIDE

[54] BUTTERFLY VALVE FOR REGULATING A FLUID FLOW

[72] BOUVET, Thierry, FR

[72] BORDELLIER, Franck, FR

[71] M.G.I. COUTIER SA, FR

[85] 1998-12-09

[86] 1998-04-16 (PCT/FR98/00766)

[87] 1998-10-29 (WO98/48204)

[30] FR (97/04992) 1997-04-18

[21] **2,258,961**

[13] A1

[51] Int.Cl. 6C12N5/08 6C12P19/34 6C12Q1/68

[25] EN

[54] A CELL-FREE SYSTEM FOR INITIATION OF DNA REPLICATION

[54] SYSTEME COMMANDE PAR LE CYCLE DES CELLULES SOMATIQUES AFIN DE DECLANCHER LA REPLICATION DE L'ADN

[72] JACKMAN, Mark Richard, GB

[72] PINES, Jonathan Noe Joseph, GB

[72] LASKEY, Ronald Alfred, GB

[72] KRUDE, Torsten, GB

[71] CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, GB

[85] 1998-12-22

[86] 1997-06-26 (PCT/GB97/01751)

[87] 1997-12-31 (WO97/49797)

[30] GB (9613418.4) 1996-06-26

[21] **2,258,966**

[13] A1

[51] Int.Cl. 6A61M25/00 6A61M25/09

[25] EN

[54] HIGH PRESSURE TRANSLUMINAL FLUID DELIVERY DEVICE

[54] DISPOSITIF D'APPORT TRANSLUMINAL DE FLUIDE, A HAUTE PRESSION

[72] SPEARS, J. Richard, US

[72] DIVINO, Vincent Jr., US

[72] LEVIN, Philip S., US

[72] ZALESKY, Paul J., US

[71] WAYNE STATE UNIVERSITY, US

[71] THEROX, INC., US

[85] 1998-12-22

[86] 1997-06-19 (PCT/US97/10919)

[87] 1997-12-31 (WO97/49447)

[30] US (08/669,662) 1996-06-24

[21] **2,258,967**

[13] A1

[51] Int.Cl. 6A61F2/24

[25] EN

[54] MITRAL VALVE PROSTHESIS

[54] VALVULE MITRALE PROTHETIQUE

[72] JANSEN, Josef, DE

[71] ADIAM MEDIZINTECHNIK GMBH & CO. KG, DE

[85] 1998-12-22

[86] 1997-06-18 (PCT/DE97/01297)

[87] 1997-12-31 (WO97/49355)

[30] DE (196 25 202.4) 1996-06-24

[21] **2,258,969**

[13] A1

[51] Int.Cl. 6F41H5/04 6B32B5/12

[25] EN

[54] ANTIBALLISTIC SHAPED PART

[54] PIECE FACONNEE ANTIBALLISTIQUE

[72] VAN DE GOOT, Ernst Lorenzo, NL

[71] DSM N.V., NL

[85] 1998-12-22

[86] 1997-06-23 (PCT/NL97/00349)

[87] 1997-12-31 (WO97/49546)

[30] NL (1003405) 1996-06-24

[21] **2,258,992**

[13] A1

[51] Int.Cl. 6D21F11/00

[25] EN

[54] METHOD OF MAKING WET

PRESSED TISSUE PAPER

[54] PROCEDE DE FABRICATION DE PAPIER SOIE EN PRESSAGE HUMIDE

[72] AMPULSKI, Robert Stanley, US

[72] POLAT, Osman, US

[72] OSTENDORF, Ward William, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 1998-12-23

[86] 1997-06-23 (PCT/US97/10988)

[87] 1998-01-08 (WO98/00604)

[30] US (08/671,993) 1996-06-28

[21] **2,258,993**

[13] A1

[51] Int.Cl. 6C11D11/00 6C11D17/08

[25] EN

[54] PREPARATION OF NON-AQUEOUS, PARTICULATE-CONTAINING LIQUID DETERGENT COMPOSITIONS WITH PREPROCESSED DRIED COMPONENTS

[54] PREPARATION DE COMPOSITIONS DETERGENTS LIQUIDES NON AQUEUSES CONTENANT DES PARTICULES, AVEC PRETRAITEMENT DES ELEMENTS SECS

[72] KAHN, Jay Ian, US

[72] SMERZNAK, Mark Allen, US

[72] PARRY, Diane, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 1998-12-23

[86] 1997-06-26 (PCT/US97/10790)

[87] 1998-01-08 (WO98/00518)

[30] US (60/020,999) 1996-06-28

[21] **2,258,997**

[13] A1

[51] Int.Cl. 6B65D51/28 6B65D81/32 6B65D25/08

[25] EN

[54] CLOSURE CAP HAVING BLISTER PACK RUPTURABLE UPON OPENING OF CAP

[54] BOUCHON DE FERMETURE POSSEDANT UN EMBALLAGE BLISTER SE BRISANT LORS DE L'OUVERTURE DUDIT BOUCHON

[72] GARTNER, Bradley Francis, AU

[72] HANSEN, Rikard Darrell, AU

[71] GARTNER, Bradley Francis, AU

[71] HANSEN, Rikard Darrell, AU

[85] 1998-12-23

[86] 1997-06-24 (PCT/AU97/00400)

[87] 1998-01-08 (WO98/00348)

[30] AU (PO 0705) 1996-06-27

PCT Applications Entering the National Phase

[21] **2,258,998**
[13] A1
[51] Int.Cl. 6B60R21/22
[25] EN
[54] SIDE IMPACT AIR BAG DEPLOYABLE BETWEEN A VEHICLE BODY AND AN OCCUPANT
[54] COUSSIN GONFLABLE DE SECURITE POUR CHOCS LATERAUX SE DEPLOYANT ENTRE LA CARROSSERIE D'UN VEHICULE ET UN OCCUPANT
[72] TOWNSEND, John A., US
[71] JOALTO DESIGN, INC., US
[85] 1998-12-23
[86] 1997-06-24 (PCT/US97/10917)
[87] 1998-01-08 (WO98/00316)
[30] US (08/673,129) 1996-07-01

[21] **2,258,999**
[13] A1
[51] Int.Cl. 6C23C16/26 6F16D69/00 6C23C16/56 6C4B41/87
[25] EN
[54] METHOD FOR DENSIFYING AND REFURBISHING BRAKES
[54] PROCEDE POUR DENSIFIER ET REMETTRE A NEUF DES FREINS
[72] THURSTON, Garrett S., US
[72] SCARINGELLA, David T., US
[72] CONNORS, Donald F., Jr., US
[71] AVCO CORPORATION, US
[85] 1998-12-23
[86] 1996-06-28 (PCT/US96/11100)
[87] 1998-01-08 (WO98/00575)

[21] **2,259,002**
[13] A1
[51] Int.Cl. 6F16K5/08 6B62D5/083 6B23C3/30
[25] EN
[54] SLOTTED COMPONENT AND METHOD OF MANUFACTURE THEREOF
[54] COMPOSANT MUNI DE FENTES ET SON PROCEDE DE FABRICATION
[72] SCOTT, David William, AU
[71] BISHOP STEERING PTY. LIMITED, AU
[85] 1998-12-22
[86] 1997-06-25 (PCT/AU97/00404)
[87] 1997-12-31 (WO97/49596)
[30] AU (PO 0647) 1996-06-26

[21] **2,259,004**
[13] A1
[51] Int.Cl. 6B32B27/08 6B32B27/32 6B29C55/04 6B29C47/06
[25] EN
[54] HIGHLY ORIENTED FLUOROPOLYMER FILMS
[54] FILMS DE FLUOROPOLYMERES A FORT ETIRAGE
[72] TSAI, Mingliang, US
[72] MACKEY, Joseph Edgar, US
[72] KHANNA, Yash Pal, US
[71] ALLIEDSIGNAL INC., US
[85] 1998-12-21
[86] 1997-06-04 (PCT/US97/09170)
[87] 1997-12-24 (WO97/48553)
[30] US (60/020,497) 1996-06-20
[30] US (08/690,712) 1996-07-31

[21] **2,259,011**
[13] A1
[51] Int.Cl. 6C1B13/11 6A23B7/152 6A61L2/20
[25] EN
[54] OZONE APPLICATIONS FOR DISINFECTION, PURIFICATION AND DEODORIZATION
[54] APPLICATIONS DE L'OZONE AUX FINS DE DESINFECTION, PURIFICATION ET DESODORISATION
[72] MALKIN, Boris, IL
[72] YANNAI, Shmuel, IL
[72] PERLOV, Gena, IL
[71] OZONTECH LTD., IL
[85] 1998-12-22
[86] 1997-06-26 (PCT/IL97/00214)
[87] 1998-01-15 (WO98/01386)
[30] IL (118741) 1996-06-26

[21] **2,259,036**
[13] A1
[51] Int.Cl. 6A61F9/007 6A61B17/22
[25] EN
[54] PHACOEMULSIFICATION NEEDLE
[54] AIGUILLE DE PHACO-EMULSIFICATION
[72] GRAVLEE, Joseph F., Jr., US
[71] GRAVLEE, Joseph F., Jr., US
[85] 1998-12-22
[86] 1997-06-26 (PCT/US97/10793)
[87] 1997-12-31 (WO97/49343)
[30] US (08/670,595) 1996-06-26

[21] **2,259,038**
[13] A1
[51] Int.Cl. 6A61B10/00
[25] EN
[54] SANITARY NAPKIN AND METHOD FOR COLLECTING SAMPLES OF BODILY SUBSTANCES
[54] SERVIETTES PERIODIQUES ET PROCEDE DE RECUEIL D'ECHANTILLONS DE SUBSTANCES CORPORELLES
[72] FORTIER, Michel, CA
[72] MORIN, Carol, CA
[72] BOUCHARD, Céline, CA
[71] EYZY-DETEK (EDI) INC., CA
[85] 1998-12-22
[86] 1997-06-23 (PCT/CA97/00435)
[87] 1997-12-31 (WO97/49338)
[30] US (08/668,894) 1996-06-24

[21] **2,259,120**
[13] A1
[51] Int.Cl. 6G7G1/14 6H4L12/28 6G7F19/00 6H4L29/12
[25] EN
[54] WIRELESS ELECTRONIC FUNDS TRANSFER/POINT-OF-SALE PACKET ASSEMBLER-DISASSEMBLER
[54] ASSEMBLEUR-DESASSEMBLEUR DE PAQUETS POUR VIREMENT ELECTRONIQUE PAR VOIE HERTZIENNE AU POINT DE VENTE
[72] COVELEY, Michael, CA
[71] COVELEY, Michael, CA
[85] 1998-09-25
[86] 1997-03-24 (PCT/CA97/00192)
[87] 1997-10-02 (WO97/36268)
[30] GB (9606263.3) 1996-03-25

[21] **2,259,121**
[13] A1
[51] Int.Cl. 6B65G47/61 6B65G47/31 6B65G17/32 6B65G47/57
[25] EN
[54] METHOD FOR THE SUSPENDED CONVEYING OF CONTAINERS AND DEVICE FOR CARRYING OUT SAID METHOD
[54] PROCEDE DE TRANSPORT SUSPENDU DE RECIPIENTS ET DISPOSITIF APPROPRIE POUR METTRE LEDIT PROCEDE EN OEUVRE
[72] KÜNZLER, Ernst, CH
[72] MÜLLER, Thomas, CH
[71] IPT WEINFELDEN AG, CH
[85] 1998-11-12
[86] 1997-05-09 (PCT/CH97/00180)
[87] 1997-11-20 (WO97/43197)
[30] CH (1217 96) 1996-05-13

Demandes PCT entrant en phase nationale

[21] **2,259,122**

[13] A1

[51] Int.Cl. 6C12N15/55 6G1N33/566
6C12Q1/68 6C7K14/705 6C7H21/00
6C12N9/12 6C12N5/16 6C12N9/16
6C7K16/28 6C7K16/40 6C12Q1/42
6C12Q1/48 6C12N15/54
[25] EN
[54] PTP-20, PCP-2, BDPI, CLK AND
SIRP PROTEINS AND RELATED PROD-
UCTS
[54] NOUVELLES PROTEINES PTP20,
PCP-2, BDPI, CLK ET SIRP, PRODUITS
ET PROCEDES CONNEXES
[72] WANG, Hong Yang, CN
[72] ULLRICH, Axel, US
[72] CHEN, Zhengjun, DE
[72] NAYLER, Oliver, DE
[72] KHARITONENKOV, Alexei Igorevich,
US
[72] AOKI, Naohito, DE
[72] KIM, Yeong Woong, KR
[71] MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WISSEN-
SCHAFTEN E.V., DE
[85] 1998-12-16
[86] 1997-06-17 (PCT/IB97/00946)
[87] 1997-12-24 (WO97/48723)
[30] US (60/019,629) 1996-06-17
[30] US (60/023,485) 1996-08-09
[30] US (60/030,860) 1996-11-13
[30] US (60/030,964) 1996-11-15
[30] US (60/034,286) 1996-12-19

[21] **2,259,123**

[13] A1

[51] Int.Cl. 6C12N15/11 6C12N9/22
6C7H21/00 6C12Q1/68 6A61K31/70
6A61K48/00 6C12Q1/02
[25] EN
[54] OLIGONUCLEOTIDES FROM THE
UNTRANSLATED REGIONS OF RIBO-
NUCLEOTIDE REDUCTASE AND
THEIR USE TO MODULATE CELL
GROWTH
[54] OLIGONUCLEOTIDES PROVE-
NANT DES REGIONS NON TRADUITES
DE GENES CONSTITUTIFS, ET PRO-
CEDE D'UTILISATION DE CES OLIGO-
NUCLEOTIDES AFIN DE MODULER
LA CROISSANCE CELLULAIRE
[72] YOUNG, Aiping H., CA
[72] WRIGHT, Jim A., CA
[71] YOUNG, Aiping H., CA
[71] WRIGHT, Jim A., CA
[85] 1998-12-18
[86] 1997-06-30 (PCT/CA97/00454)
[87] 1998-01-08 (WO98/00532)
[30] US (60/021,152) 1996-07-01

[21] **2,259,124**

[13] A1

[51] Int.Cl. 6C12N15/12
[25] EN
[54] ISOLATED, NUCLEIC ACID MOL-
ECULES WHICH CODE FOR GAGE TU-
MOR REJECTION ANTIGEN, THE
TUMOR REJECTION ANTIGEN, AND
USES THEREOF
[54] MOLECULES D'ACIDE NUCLE-
IQUE ISOLEES CODANT POUR UN AN-
TIGENE GAGE DE REJET TUMORAL,
ANTIGENE DE REJET TUMORAL ET
LEURS UTILISATIONS
[72] BOON-FALLEUR, Thierry, BE
[72] DEBACKER, Olivier, BE
[72] VAN DEN EYNDE, Benoit, BE
[71] LUDWIG INSTITUTE FOR CANCER
RESEARCH, US
[85] 1998-12-18
[86] 1997-06-23 (PCT/US97/10850)
[87] 1997-12-31 (WO97/49417)
[30] US (08/669,161) 1996-06-24

[21] **2,259,125**

[13] A1

[51] Int.Cl. 6C12N15/29 6C7K14/415
6A1H5/00 6G1N33/68 6C12Q1/68
6C12N15/82
[25] EN
[54] GENETIC CONTROL OF POLAR
AUXIN TRANSPORT IN PLANTS AND
MANIPULATION OF PLANT GROWTH,
ARCHITECTURE AND MORPHOGENE-
SIS
[54] CONTROLE GENETIQUE DU
TRANSPORT POLAIRE DE L'AUXINE
DANS LES PLANTES ET MANIPULA-
TION DE LA CROISSANCE, L'ARCHI-
TECTURE ET LA MORPHOGENESE
DES PLANTES
[72] GÄLWEILER, Leo, DE
[72] PALME, Klaus, DE
[72] SAEDLER, Heinz, DE
[72] WISMAN, Ellen, NL
[71] MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WISSEN-
SCHAFTEN E.V., DE
[85] 1998-12-21
[86] 1997-06-17 (PCT/EP97/03147)
[87] 1997-12-31 (WO97/49810)
[30] EP (EP 96 11 0088.0) 1996-06-21

[21] **2,259,126**

[13] A1

[51] Int.Cl. 6C12N15/54 6C12N15/82
6A1H5/00 6C12P19/04 6C12N9/10
6C7K16/40
[25] EN
[54] MANIPULATION OF CELLULOSE
AND/OR .BETA.-1,4-GLUCAN
[54] MANIPULATION DE CELLULOSE
ET/OU DE .BETA.-1,4 GLUCAN
[72] PENG, Liangcai, AU
[72] WILLIAMSON, Richard Edward, AU
[72] BETZNER, Andreas Stefan, AU
[72] ARIOLI, Antonio, AU
[71] COMMONWEALTH SCIENTIFIC
AND INDUSTRIAL RESEARCH ORGANI-
SATION, AU
[71] THE AUSTRALIAN NATIONAL UNI-
VERSITY, AU
[85] 1998-12-22
[86] 1997-06-24 (PCT/AU97/00402)
[87] 1998-01-08 (WO98/00549)
[30] AU (PO 0699) 1996-06-27

[21] **2,259,127**

[13] A1

[51] Int.Cl. 6C12Q1/68 6C7H21/04
[25] EN
[54] NUCLEIC ACID PRIMERS AND
PROBES FOR DETECTING MYCO-
PLASMA PNEUMONIAE
[54] AMORCES ET SONDES D'ACIDE
NUCLEIQUE DESTINES A DETECTER
MYCOPLASMA PNEUMONIAE
[72] SUSTACHEK, Joann C., US
[72] MULLEN, Carolyn R., US
[71] ABBOTT LABORATORIES, US
[85] 1998-12-22
[86] 1997-06-23 (PCT/US97/10884)
[87] 1998-01-08 (WO98/00565)
[30] US (08/671,892) 1996-06-28

[21] **2,259,128**

[13] A1

[51] Int.Cl. 6B1D39/14 6F24F3/16 6B3C3/
30 6A62B7/10
[25] EN
[54] PERSONAL AIR FILTERING AND
DELIVERY SYSTEMS
[54] SYSTEME PERSONNEL DE FIL-
TRATION ET DE DISTRIBUTION D'AIR
[72] KORMAN, David J., US
[71] KORMAN, David J., US
[85] 1998-11-19
[86] 1998-02-19 (PCT/US98/03278)
[87] 1998-08-18
[30] US (60/038,842) 1997-02-18

PCT Applications Entering the National Phase

[21] 2,259,129
[13] A1
[51] Int.Cl. 6A61K48/00 6A61K31/70
[25] EN
[54] PRO-PROTEIN CONVERTING ENZYME
[54] ENZYME DE CONVERSION DE PREPROTEINES
[72] DAY, Robert, CA
[72] SEIDAH, Nabil G., CA
[72] MARTEL, Rémi, CA
[72] CHRÉTIEN, Michel, CA
[72] LECLERC, Guy, CA
[72] REUDELHUBER, Tim, CA
[71] DAY, Robert, CA
[71] SEIDAH, Nabil G., CA
[71] MARTEL, Rémi, CA
[71] CHRÉTIEN, Michel, CA
[71] LECLERC, Guy, CA
[71] REUDELHUBER, Tim, CA
[85] 1998-12-22
[86] 1997-07-25 (PCT/CA97/00535)
[87] 1998-02-05 (WO98/04686)
[30] US (60/021,008) 1996-07-26
[30] CA (2,203,745) 1997-04-25

[21] 2,259,130
[13] A1
[51] Int.Cl. 6C22B9/04 6F27D11/08 6F27D3/14
[25] EN
[54] METHOD AND APPARATUS FOR REMOVING A MOLTEN MATERIAL WITH A VACUUM FROM A CHAMBER
[54] PROCEDE ET DISPOSITIF D'ELIMINATION DE MATERIAU EN FUSION PAR DEPRESSION DANS UNE CHAMBRE
[72] SCHLIENGER, Max P., US
[71] LOCKHEED MARTIN ADVANCED ENVIRONMENTAL SYSTEMS, INC., US
[85] 1998-11-27
[86] 1997-05-13 (PCT/US97/08800)
[87] 1997-12-24 (WO97/49266)
[30] US (08/666,036) 1996-06-19

[21] 2,259,131
[13] A1
[51] Int.Cl. 6G1N33/566
[25] EN
[54] METHOD OF ASSAYING COMPOUNDS WHICH AFFECT THE ACTIVITY OF G PROTEIN-COUPLED RECEPTORS BASED ON MEASUREMENT OF RECEPTOR OLIGOMERIZATION
[54] PROCEDE QUI PERMET D'ANALYSER DES COMPOSES AFFECTANT L'ACTIVITE DE RECEPTEURS COUPLES A UNE PROTEINE G, ET QUI CONSISTE A MESURER L'OLIGOMERISATION DES RECEPTEURS
[72] BOUVIER, Michel, CA
[72] DENNIS, Michael, CA
[72] HEBERT, Terence E., CA
[71] L'UNIVERSITE DE MONTREAL, CA
[71] BIOSIGNAL INC., CA
[85] 1998-12-23
[86] 1997-06-30 (PCT/CA97/00455)
[87] 1998-01-08 (WO98/00715)
[30] US (60/020,717) 1996-07-01

[21] 2,259,132
[13] A1
[51] Int.Cl. 6C12N15/12 6A61K38/17 6G1N33/566 6A61K38/08 6C7K7/08 6C7K14/705
[25] EN
[54] PEPTIDES AND PEPTIDOMIMETIC COMPOUNDS AFFECTING THE ACTIVITY OF G-PROTEIN-COUPLED RECEPTORS BY ALTERING RECEPTOR OLIGOMERIZATION
[54] PEPTIDES ET COMPOSES PEPTIDOMIMETIQUES AFFECTANT L'ACTIVITE DES RECEPTEURS COUPLES A LA PROTEINE G PAR MODIFICATION DE L'OLIGOMERISATION DES RECEPTEURS
[72] BOUVIER, Michel, CA
[72] DENNIS, Michael, CA
[72] HEBERT, Terence E., CA
[71] UNIVERSITE DE MONTREAL, CA
[71] BIOSIGNAL INC., CA
[85] 1998-12-23
[86] 1997-07-01 (PCT/IB97/00814)
[87] 1998-01-08 (WO98/00538)
[30] US (60/021,031) 1996-07-01

[21] 2,259,133
[13] A1
[51] Int.Cl. 6C12N15/31 6A61K39/385 6C7K7/06 6C7K7/08 6A61K39/102 6C7K14/285
[25] EN
[54] HIGH MOLECULAR WEIGHT SURFACE PROTEINS OF NON-TYPE-ABLE HAEMOPHILUS
[54] PROTEINES DE SURFACE A MASSE MOLECULAIRE ELEVEE D'HAEMOPHILUS DE TYPE NON DETERMINABLE
[72] BARENKAMP, Stephen J., US
[71] ST. LOUIS UNIVERSITY, US
[71] WASHINGTON UNIVERSITY, US
[85] 1998-09-30
[86] 1997-04-01 (PCT/US97/04707)
[87] 1997-10-09 (WO97/36914)
[30] US (08/617,697) 1996-04-01

[21] 2,259,134
[13] A1
[51] Int.Cl. 6A61L15/18 6A61L15/46
[25] EN
[54] BREATHABLE ABSORBENT ARTICLES HAVING A SILICA-BASED ODOUR CONTROL SYSTEM
[54] ARTICLES ABSORBANTS RESPIRANTS COMPORTANT UN SYSTEME D'ELIMINATION DES ODEURS A BASE DE SILICE
[72] GAGLIARDINI, Alessandro, IT
[72] GAGLIARDI, Ivano, IT
[72] GUARRACINO, Mario, IT
[72] CIMINI, Carmine, IT
[72] CARLUCCI, Giovanni, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-04
[86] 1997-05-23 (PCT/US97/09128)
[87] 1997-12-11 (WO97/46195)
[30] EP (96109177.4) 1996-06-07
[30] EP (96109173.3) 1996-06-07
[30] EP (96109174.1) 1996-06-07
[30] EP (96109175.8) 1996-06-07
[30] EP (96109176.6) 1996-06-07
[30] EP (96112403.9) 1996-08-01

Demandes PCT entrant en phase nationale

[21] **2,259,135**

[13] A1

[51] Int.Cl. 6C12N15/12 6C7K16/28
6G1N33/554 6C12N15/11 6C12Q1/68
6C7K14/705

[25] EN

[54] HUMAN STEM CELL ANTIGENS,
DNA CODING THEREFOR AND THEIR
USE

[54] ANTIGENES DE CELLULES
SOUCHES CHEZ L'HOMME, ADN
CODANT LESDITS ANTIGENES ET
LEUR UTILISATION

[72] AU-YOUNG, Janice, US

[71] INCYTE PHARMACEUTICALS, INC.,
US

[85] 1998-12-30

[86] 1997-06-25 (PCT/US97/10956)

[87] 1998-01-08 (WO98/00540)

[30] US (08/675,508) 1996-07-03

[21] **2,259,138**

[13] A1

[51] Int.Cl. 6C12N9/96 6C12N9/12
6C12N9/22

[25] EN

[54] METHOD AND FORMULATION
FOR STABILIZATION OF ENZYMES
[54] PROCEDE ET FORMULATION
PERMETTANT LA STABILISATION
D'ENZYMES

[72] DE LA CRUZ, Norberto B., US

[72] WILKOSZ, Richard K., US

[72] DE ROSIER, Therese A., US

[71] MOLECULAR BIOLOGY RE-
SOURCES, INC., US

[85] 1998-12-31

[86] 1997-07-02 (PCT/US97/11767)

[87] 1998-01-08 (WO98/00530)

[30] US (08/675,697) 1996-07-03

[21] **2,259,141**

[13] A1

[51] Int.Cl. 6C7K14/195 6C7K14/31
6C7K14/315 6A61K39/00 6C7K14/37
6A61K39/02 6C7K7/06 6A61K39/40
6G1N33/569 6C7K7/08 6A61K39/085
6A61K39/09 6C7K16/12

[25] EN

[54] TREATMENT AND DIAGNOSIS OF
INFECTIONS OF GRAM POSITIVE
COCCI

[54] TRAITEMENT ET DIAGNOSTIC
D'INFECTIONS A COQUES GRAM
POSITIF

[72] BURNIE, James Peter, GB

[72] MATTHEWS, Ruth Christine, GB

[71] NEUTEC PHARMA PLC, GB

[85] 1998-12-31

[86] 1997-07-07 (PCT/GB97/01830)

[87] 1998-01-15 (WO98/01154)

[30] GB (9614274.0) 1996-07-06

[21] **2,259,136**

[13] A1

[51] Int.Cl. 6C12N15/18 6C7K14/475
6A61K38/18

[25] EN

[54] PITUITARY DIFFERENTIATION
FACTOR AND METHODS OF USE
THEREOF

[54] FACTEUR DE DIFFERENCIATION
HYPOPHYSIAIRE ET SES PROCEDES
D'UTILISATION

[72] HOLLAND, James F., US

[72] PLATICA, Ovidiu, US

[72] PLATICA, Micsunica, US

[71] HOLLAND, James F., US

[85] 1998-12-30

[86] 1997-07-09 (PCT/US97/11971)

[87] 1998-01-22 (WO98/02525)

[30] US (60/021,589) 1996-07-11

[21] **2,259,139**

[13] A1

[51] Int.Cl. 6C12N15/87 6A61K48/00
6A61K47/42 6A61K31/70

[25] EN

[54] CATIONIC POLYMER AND LIPO-
PROTEIN-CONTAINING SYSTEM FOR
GENE DELIVERY

[54] POLYMERE CATIONIQUE ET
SYSTEME CONTENANT DE LA LIPO-
PROTEINE POUR LA FOURNITURE DE
GENES

[72] KIM, Jin-Seok, US

[72] MARUYAMA, Atsushi, JP

[72] AKAIKE, Toshihiro, JP

[72] KIM, Sung Wan, US

[71] UNIVERSITY OF UTAH RESEARCH
FOUNDATION, US

[85] 1998-12-31

[86] 1997-07-03 (PCT/US97/12425)

[87] 1998-01-08 (WO98/00556)

[30] US (08/675,120) 1996-07-03

[21] **2,259,144**

[13] A1

[51] Int.Cl. 6C12N15/11 6A61K9/127
6A61K31/70 6A61K48/00 6C12N15/85

[25] EN

[54] INHIBITION OF CHRONIC MYEL-
OGENOUS LEUKEMIC CELL
GROWTH BY LIPOSOMAL-ANTI-
SENSE OLIGODEOXY-NUCLEOTIDES
TARGETING TO GRB2 OR CRK1

[54] INHIBITION DE LA PROLIFERA-
TION DES CELLULES DE LEUCEMIE
MYELOIDE CHRONIQUE (LMC) PAR
CIBLAGE SUR GRB2 OU CRK1 D'OLI-
GODESOXYNUCLEOTIDES LIPO-
SOMIQUES-ANTISENS

CORRESPONDANT

[72] TARI, Ana M., US

[72] ARLINGHAUS, Ralph B., US

[72] LOPEZ-BERESTEIN, Gabriel, US

[71] BOARD OF REGENTS, THE UNIVER-
SITY OF TEXAS SYSTEM, US

[85] 1998-12-24

[86] 1997-07-08 (PCT/US97/10101)

[87] 1998-01-15 (WO98/01547)

[30] US (08/679,437) 1996-07-08

[21] **2,259,137**

[13] A1

[51] Int.Cl. 6A61K38/08 6G1N33/68

[25] EN

[54] NEUROACTIVE PEPTIDE

[54] PEPTIDE NEURO-ACTIF

[72] ALDRED, Peter G., AU

[72] CHAI, Siew Yeen, AU

[72] LEW, Rebecca A., AU

[72] MENDELSON, Frederick A., AU

[72] SMITH, Ian A., AU

[72] MOELLER, Ingrid, AU

[71] HOWARD FLOREY INSTITUTE OF
EXPERIMENTAL PHYSIOLOGY AND
MEDICINE, AU

[85] 1998-12-31

[86] 1997-07-09 (PCT/AU97/00436)

[87] 1998-01-15 (WO98/01465)

[30] AU (PO 0893) 1996-07-09

[21] **2,259,140**

[13] A1

[51] Int.Cl. 6C12N5/08 6C12N5/10
6A61K39/385 6C12N5/06

[25] EN

[54] METHOD OF ACTIVATING DEN-
DRITIC CELLS

[54] PROCEDE D'ACTIVATION DE
CELLULES DENDRITIQUES

[72] MARASKOVSKY, Eugene, AU

[72] McKENNA, Hilary J., US

[71] IMMUNEX CORPORATION, US

[85] 1998-12-31

[86] 1997-07-09 (PCT/US97/11956)

[87] 1998-01-15 (WO98/01538)

[30] US (08/677,762) 1996-07-10

[30] US (08/763,995) 1996-12-12

PCT Applications Entering the National Phase

[21] **2,259,145**
[13] A1
[51] Int.Cl. 6C12N15/85
[25] EN
[54] HAMSTER EF-1.ALPHA. TRAN-
SCRIPTIONAL REGULATORY DNA
[54] ADN REGULATEUR DE TRAN-
SCRIPTION DU GENE EF-1.ALPHA. DU
HAMSTER
[72] ALLISON, Daniel S., US
[71] ICOS CORPORATION, US
[85] 1998-12-31
[86] 1998-05-01 (PCT/US98/08906)
[87] 1998-11-05 (WO98/49289)
[30] US (08/847,218) 1997-05-01

[21] **2,259,146**
[13] A1
[51] Int.Cl. 6E2D31/00 6E2D29/02 6B9B1/
00
[25] EN
[54] LINING OF LANDFILL SITES
[54] REVETEMENT DE FOND POUR
SITES DE DECHARGE
[72] THOMAS, Frederick William, GB
[71] WOODMAN IP HOLDINGS LIMITED,
GB
[85] 1998-12-16
[86] 1997-06-25 (PCT/GB97/01692)
[87] 1997-12-31 (WO97/49873)
[30] GB (9613245.1) 1996-06-25

[21] **2,259,147**
[13] A1
[51] Int.Cl. 6A61K39/00 6A23K1/16
6C7K16/28 6A61K39/385 6G1N33/554
6G1N33/564
[25] EN
[54] IMMUNOCONTRACEPTIVE COM-
POSITIONS CONTAINING SPERM AN-
TIGENS, AND METHODS OF USE
[54] COMPOSITIONS IMMUNOCON-
TRACEPTIVES CONTENANT DES AN-
TIGENES DE SPERME ET PROCEDES
D'UTILISATION
[72] BLEIL, Jeffrey D., US
[72] HEIN, Mich B., US
[72] BOOKBINDER, Louis H., US
[71] ZYGAM, INC., US
[85] 1999-01-04
[86] 1997-07-03 (PCT/US97/11719)
[87] 1998-01-08 (WO98/00440)
[30] US (08/674,895) 1996-07-03

[21] **2,259,149**
[13] A1
[51] Int.Cl. 6C7K7/06 6A61K38/08 6C7K7/
08 6A61K38/10 6A61K48/00 6G1N33/53
6G1N33/574 6A61K31/70 6C7K14/82
[25] EN
[54] INHIBITORS OF THE INTERAC-
TION BETWEEN P53 AND MDM2
[54] INHIBITEURS DE L'INTERAC-
TION ENTRE P53 ET MDM2
[72] HOCHKEPPEL, Heinz-Kurt, CH
[72] PICKSLEY, Stephen, GB
[72] BÖTTGER, Volker, DE
[72] CHENE, Patrick, FR
[72] LANE, David, GB
[72] BÖTTGER, Angelika, DE
[72] FURET, Pascal, FR
[72] GARCIA-ECHEVERRIA, Carlos, CH
[71] CANCER RESEARCH CAMPAIGN
TECHNOLOGY LIMITED, GB
[71] NOVARTIS AG, CH
[85] 1999-01-04
[86] 1997-07-04 (PCT/EP97/03549)
[87] 1998-01-15 (WO98/01467)
[30] GB (9614197.3) 1996-07-05
[30] GB (9707041.1) 1997-04-07

[21] **2,259,151**
[13] A1
[51] Int.Cl. 6C12N15/57 6C12N9/64
6A61K31/70 6A61K48/00
[25] EN
[54] ENZYME AND DNA SEQUENCE
ENCODING SAME
[54] ENZYME ET SEQUENCE D'ADN
LA CODANT
[72] KAY, John, GB
[72] KILLE, Peter, GB
[71] PHAIRSON MEDICAL, INC., GB
[85] 1999-01-04
[86] 1997-08-28 (PCT/US97/15179)
[87] 1998-03-05 (WO98/08863)
[30] US (08/705,875) 1996-08-28
[30] US (08/768,318) 1996-12-17

[21] **2,259,152**
[13] A1
[51] Int.Cl. 6A61K48/00 6A61K38/16
6C12Q1/42 6A61K31/70 6C12Q1/70
[25] EN
[54] ADENOVIRUS E4 PROTEINS FOR
INDUCING CELL DEATH
[54] PROTEINES E4 D'ADENOVIRUS
DESTINEES A INDUIRE LA MORT
CELLULAIRE
[72] BRANTON, Philip E., CA
[72] LAVOIE, Josee N., CA
[72] SHORE, Gordon C., CA
[72] TEODORO, Jose G., CA
[72] MARCELLUS, Richard C., CA
[71] BRANTON, Philip E., CA
[71] LAVOIE, Josee N., CA
[71] SHORE, Gordon C., CA
[71] TEODORO, Jose G., CA
[71] MARCELLUS, Richard C., CA
[85] 1999-01-05
[86] 1997-07-03 (PCT/IB97/01041)
[87] 1998-01-15 (WO98/01563)
[30] US (60/021,273) 1996-07-05
[30] US (60/028,740) 1996-10-22

[21] **2,259,153**
[13] A1
[51] Int.Cl. 6H4Q7/38 6H4L12/28 6H4Q7/
30 6H4Q7/32
[25] EN
[54] CELLULAR SYSTEM HAND-OFF
PROTOCOL
[54] PROTOCOLE DE TRANSFERT
POUR SYSTEME CELLULAIRE
[72] BELANGER, Philip H., US
[72] SPRY, Andrew J., US
[72] SMITH, Douglas A., CA
[72] SHAH, Nainesh P., US
[72] TROMPOWER, Michael L., US
[71] TELXON CORPORATION, US
[85] 1998-12-16
[86] 1997-06-19 (PCT/US97/10207)
[87] 1998-01-08 (WO98/01002)
[30] US (08/672,751) 1996-06-28

Demandes PCT entrant en phase nationale

[21] **2,259,154**
[13] A1

[51] Int.Cl. 6C12N15/12 6C7K16/32
6G1N33/574 6A61K39/00 6C7K7/06
6C12Q1/68 6C7K14/82
[25] EN
[54] **BRCA1 COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF BREAST CANCER**
[54] **COMPOSITIONS BRCA1 ET PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER DU SEIN**
[72] ALLRED, D. Craig, US
[72] FARMER, Andrew A., US
[72] CHEN, Phang-Lang, US
[72] OSBORNE, C. Kent, US
[72] JONES, Diane C., US
[72] LEE, Wen-Hwa, US
[72] CHEN, Yumay, US
[72] CHEN, Chi-Fen, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 1999-01-05
[86] 1997-07-08 (PCT/US97/11946)
[87] 1998-01-15 (WO98/01460)
[30] US (60/015,863) 1996-07-08

[21] **2,259,155**
[13] A1

[51] Int.Cl. 6A61N1/36 6A61N1/37
[25] EN
[54] **DIAGNOSTIC TESTING METHODS AND APPARATUS FOR THERAPY DEVICES**
[54] **METHODES DE TEST DE DIAGNOSTIC ET APPAREILLAGE THERAPEUTIQUE**
[72] CHRISTOPHERSON, Mark A., US
[72] MALEK, Shahram, US
[72] NEISZ, Johann J., US
[72] GOBLISH, Todd, US
[71] MEDTRONIC, INC., US
[85] 1998-12-16
[86] 1997-06-25 (PCT/US97/11618)
[87] 1997-12-31 (WO97/49455)
[30] US (08/673,717) 1996-06-26

[21] **2,259,156**
[13] A1

[51] Int.Cl. 6C12N15/28 6A61K47/48
6C7K14/715 6C7K17/08 6A61K38/19
[25] EN
[54] **TRUNCATED SOLUBLE TUMOR NECROSIS FACTOR TYPE-I AND TYPE-II RECEPTORS**
[54] **RECEPTEURS DE TYPE I ET DE TYPE II DE FACTEUR DE NECROSE TUMORALE TRONQUES ET SOLUBLES**
[72] EDWARDS, Carl K., III, US
[72] FISHER, Eric F., US
[72] KIEFT, Gary L., US
[71] AMGEN INC., US
[85] 1999-01-05
[86] 1997-07-09 (PCT/US97/12244)
[87] 1998-01-15 (WO98/01555)
[30] US (60/021,443) 1996-07-09
[30] US (60/032,534) 1996-12-06
[30] US (60/037,737) 1997-01-23
[30] US (60/039,314) 1997-02-07
[30] US (60/039,792) 1997-03-04

[21] **2,259,158**
[13] A1

[51] Int.Cl. 6C12N15/81 6C12N15/10
[25] EN
[54] **TRANSFORMATION-ASSOCIATED RECOMBINATION CLONING**
[54] **CLONAGE PAR RECOMBINAISON A TRANSFORMATION ASSOCIEE**
[72] RESNICK, Michael A., US
[72] PERKINS, Edward L., US
[72] KOUPRINA, Natalay Y., US
[72] LARIONOV, Vladimir L., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRET, US
[85] 1999-01-07
[86] 1996-07-09 (PCT/US96/11478)
[87] 1998-01-15 (WO98/01573)

[21] **2,259,159**
[13] A1

[51] Int.Cl. 6C7K11/00 6A61K38/03
6C7K4/00 6A61K38/15
[25] EN
[54] **DEPSIPEPTIDES AND DRUGS CONTAINING THE SAME AS THE ACTIVE INGREDIENT**
[54] **DEPSIPEPTIDES ET MEDICAMENTS CONTENANT CES COMPOSES COMME INGREDIENT ACTIF**
[72] SHINGAI, Akiko, JP
[72] OSHIDA, Norio, JP
[72] YASUDA, Orie, JP
[72] KINOSHITA, Nobuhiro, JP
[72] YANAI, Makoto, JP
[72] HIRAMOTO, Shigeru, JP
[72] TAKASU, Masako, JP
[72] KAWAMURA, Koji, JP
[72] SUZUKI, Masashi, JP
[71] NISSHIN FLOUR MILLING CO., LTD., JP
[85] 1998-12-18
[86] 1997-06-25 (PCT/JP97/02195)
[87] 1997-12-31 (WO97/49722)
[30] JP (8-183960) 1996-06-25

[21] **2,259,161**
[13] A1

[51] Int.Cl. 6H3F1/32 6H4L27/36
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING INTERMODULATION DISTORTION IN DIGITAL WIDEBAND TRANSMISSION SYSTEMS**
[54] **PROCEDE ET APPAREIL DE REDUCTION DE DISTORSION D'INTERMODULATION DANS DES SYSTEMES NUMERIQUES DE TRANSMISSION A LARGE BANDE**
[72] WILLIAM, Spencer Worley III, US
[71] CELLULAR TELECOM, LTD., US
[85] 1999-01-07
[86] 1997-07-02 (PCT/US97/11749)
[87] 1998-01-15 (WO98/01945)
[30] US (08/679,424) 1996-07-08

PCT Applications Entering the National Phase

[21] 2,259,163
[13] A1
[51] Int.Cl. 6C12N15/18 6C7K16/22
6C7K14/475 6A61K38/18 6C7K14/48
[25] EN
[54] ANALOGS OF CATIONIC PRO-
TEINS
[54] ANALOGUES DE PROTEINES
CATIONIQUES
[72] BOONE, Thomas Charles, US
[72] HERSHENSON, Susan Irene, US
[72] YOUNG, John David, US
[72] CHEUNG, Ellen Ngoi Yin, US
[71] AMGEN INC., US
[85] 1999-01-07
[86] 1997-07-17 (PCT/US97/12609)
[87] 1998-01-29 (WO98/03546)
[30] US (08/684,353) 1996-07-19

[21] 2,259,164
[13] A1
[51] Int.Cl. 6G1N31/22 6G1N33/52
[25] EN
[54] METHOD AND DEVICE FOR THE
COLORIMETRIC DETERMINATION
OF ANALYTES IN THE PRESENCE OF
INTERFERING PARTICULATE MATE-
RIALS
[54] PROCEDE ET DISPOSITIF DE DE-
TERMINATION CALORIMETRIQUE
D'ANALYTES EN PRESENCE DE MA-
TIERES PARTICULAIRES PERTURBA-
TRICES
[72] STEPHENSON, Harry Thomas, US
[71] ENVIRONMENTAL TEST SYSTEMS,
INC., US
[85] 1998-12-18
[86] 1998-04-16 (PCT/US98/07871)
[87] 1998-10-29 (WO98/48272)
[30] US (08/839,220) 1997-04-22

[21] 2,259,165
[13] A1
[51] Int.Cl. 6H4M3/42 6H4Q7/22
[25] EN
[54] LOCATION DETERMINATION IN
A COMMUNICATION SYSTEM
[54] DETERMINATION DE POSITIONS
DANS UN SYSTEME DE TELECOMMU-
NICATIONS
[72] LADDEN, Gregory C., US
[72] BRUCKERT, Eugene J., US
[71] MOTOROLA, INC., US
[85] 1998-12-18
[86] 1997-03-10 (PCT/US97/03406)
[87] 1997-12-31 (WO97/50002)
[30] US (08/671,037) 1996-06-27

[21] 2,259,166
[13] A1
[51] Int.Cl. 6H4M1/65
[25] EN
[54] AUTOMATIC TELEPHONE RE-
CORDER SYSTEM INCORPORATING
A PERSONAL COMPUTER HAVING A
SOUND HANDLING FEATURE
[54] SYSTEME ENREGISTREUR TELE-
PHONIQUE AUTOMATIQUE INTE-
GRANT UN ORDINATEUR
PERSONNEL A TRAITEMENT DU SON
[72] ROSEN, Howard B., CA
[72] LEITMAN, Daniel S., US
[71] ROSEN, Howard B., CA
[85] 1998-12-18
[86] 1997-06-09 (PCT/IB97/00936)
[87] 1997-12-24 (WO97/49219)
[30] US (08/668,023) 1996-06-19

[21] 2,259,167
[13] A1
[51] Int.Cl. 6C8F8/18 6C8K3/22 6C8J3/24
6C8K13/02 6C8L23/28 6C8K5/41
[25] EN
[54] LOW BROMINE ISOBUTYLENE-
CO-4-BROMOMETHYLSTYRENE
COMPOSITIONS FOR SEVERE DUTY
ELASTOMER APPLICATIONS
[54] COMPOSITIONS FAIBLES DE
BROMINE ISOBUTYLENE-CO-4-BRO-
MOMETHYLSTYRENE POUR CON-
TRAINTES LOURDES DANS LES
APPLICATIONS ELASTOMERES
[72] NEWMAN, Neil F., US
[72] DUVDEVANI, Ilan, US
[71] EXXON CHEMICAL PATENTS INC.,
US
[85] 1998-12-18
[86] 1997-07-28 (PCT/US97/13474)
[87] 1998-02-12 (WO98/05713)
[30] US (08/691,109) 1996-08-01

[21] 2,259,168
[13] A1
[51] Int.Cl. 6G6F7/58 6G7C15/00 6A63F9/
00
[25] EN
[54] RANDOM NUMBER GENERATOR
FOR ELECTRONIC APPLICATIONS
[54] GENERATEUR DE NOMBRES
ALEATOIRES POUR APPLICATIONS
ELECTRONIQUES
[72] YFANTIS, Evangelos Andrew, US
[72] KAY, Timothy L., US
[71] SILICON GAMING, INC., US
[85] 1998-12-18
[86] 1997-06-18 (PCT/US97/10663)
[87] 1997-12-24 (WO97/48462)
[30] US (08/665,699) 1996-06-19
[30] US (UNKNOWN) 1997-05-09

[21] 2,259,169
[13] A1
[51] Int.Cl. 6H4L12/54 6H4L12/26
[25] EN
[54] METHOD OF ESTABLISHING AN
EMAIL MONITOR
[54] PROCEDE POUR ETABLIR UNE
FONCTION DE SURVEILLANCE DE
MESSAGERIE ELECTRONIQUE
[72] HWANG, Yeou H., US
[72] ENGELSMA, Jonathan R., US
[71] MOTOROLA, INC., US
[85] 1998-12-18
[86] 1997-04-16 (PCT/US97/06164)
[87] 1998-01-08 (WO98/00961)
[30] US (08/675,505) 1996-06-28

[21] 2,259,170
[13] A1
[51] Int.Cl. 6C1B13/36 6C1F5/00 6C1F7/00
[25] EN
[54] SIMPLIFIED SYNTHESIS OF AN-
ION INTERCALATED HYDROTAL-
CITES
[54] SYNTHESE SIMPLIFIEE D'HY-
DROTALCITES A ANIONS INTER-
CALES
[72] KELKAR, Chandrashekhkar P., US
[71] ARISTECH CHEMICAL CORPORA-
TION, US
[85] 1998-12-21
[86] 1998-01-27 (PCT/US98/01605)
[87] 1998-11-19 (WO98/51615)
[30] US (08/856,157) 1997-05-14

Demandes PCT entrant en phase nationale

[21] **2,259,171**
[13] A1

[51] **Int.Cl. 6G2B21/34 6G1N1/28**
[25] EN
[54] **MICROSCOPE SLIDE WITH REMOVABLE LAYER AND METHOD**
[54] **PLAQUETTE POUR MICROSCOPE POSSEDANT UNE COUCHE AMOVIBLE ET PROCEDE S'Y RAPPORTANT**
[72] FERGUSON, Gary W., CA
[71] INVANTEK TECHNOLOGIES CORP., CA
[85] 1998-12-18
[86] 1997-06-27 (PCT/CA97/00467)
[87] 1998-01-08 (WO98/00745)
[30] US (08/673,326) 1996-06-28

[21] **2,259,172**
[13] A1

[51] **Int.Cl. 6H4B10/04 6H4B10/16**
[25] EN
[54] **OPTICAL TRANSMITTER**
[54] **EMETTEUR OPTIQUE**
[72] KUROTORI, Katsuya, JP
[72] OGOSHI, Haruki, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[85] 1998-12-21
[86] 1998-04-21 (PCT/JP98/01808)
[87] 1998-11-05 (WO98/49792)
[30] JP (9-109904) 1997-04-25

[21] **2,259,173**
[13] A1

[51] **Int.Cl. 6B1D27/06 6B1D46/52**
[25] EN
[54] **FILTER**
[54] **FILTRE**
[72] WEINDORF, Martin, DE
[72] SCHETTER, Martin, DE
[71] FILTERWERK MANN - HUMMEL GMBH, DE
[85] 1998-12-21
[86] 1997-06-12 (PCT/EP97/03076)
[87] 1997-12-24 (WO97/48470)
[30] DE (196 24 523.0) 1996-06-20

[21] **2,259,174**
[13] A1

[51] **Int.Cl. 6A61N1/32**
[25] EN
[54] **LOW FREQUENCY THERAPY METHOD, LOW FREQUENCY THERAPY APPARATUS AND LOW FREQUENCY THERAPY SYSTEM**
[54] **PROCEDE THERAPEUTIQUE A BASSES FREQUENCES, APPAREIL THERAPEUTIQUE A BASSES FREQUENCES ET SYSTEME THERAPEUTIQUE A BASSES FREQUENCES**
[72] MATSUURA, Masayuki, JP
[71] MATSUURA, Masayuki, JP
[85] 1998-11-26
[86] 1997-05-30 (PCT/JP97/01849)
[87] 1997-12-04 (WO97/45159)
[30] JP (8/137950) 1996-05-31

[21] **2,259,175**
[13] A1

[51] **Int.Cl. 6H4M1/00 6H4M11/00 6H4Q7/32 6H4M1/64**
[25] EN
[54] **WIRELESS SMART PHONE**
[54] **TELEPHONE SANS FIL INTELLIGENT**
[72] JOHNSON, William J., US
[71] MCI COMMUNICATIONS CORPORATION, US
[85] 1998-12-21
[86] 1997-06-27 (PCT/US97/11236)
[87] 1997-12-31 (WO97/50222)
[30] US (60/029,183) 1996-06-27
[30] US (08/799,414) 1997-02-12

[21] **2,259,176**
[13] A1

[51] **Int.Cl. 6E21B47/01 6E21B49/10**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING, COMPLETING AND/OR MAINTAINING WELLBORES USING A SENSOR DEVICE**
[54] **METHODE ET APPAREIL POUR L'ESSAI, LA COMPLETION ET L'ENTRETIEN DE Puits DE FORAGE, AU MOYEN D'UN DISPOSITIF DE DETECTION**
[72] JOHNSON, Michael H., US
[71] BAKER HUGHES INCORPORATED, US
[85] 1998-12-24
[86] 1997-06-24 (PCT/US97/10893)
[87] 1997-12-31 (WO97/49894)
[30] US (08/668,763) 1996-06-24

[21] **2,259,177**
[13] A1

[51] **Int.Cl. 6D1F8/06 6D1F8/10 6D1F8/16 6D4H1/50 6D4H1/58**
[25] EN
[54] **SELF-CRIMPING CONJUGATE FILAMENT AND SEAMLESS BAND FORMED THEREFROM AND METHOD OF MAKING SAME**
[54] **FILAMENT CONJUGUE FRISANT SPONTANEMENT, BANDE SANS COUTURE FORMEE A PARTIR DUDIT FILAMENT, ET PROCEDE DE FABRICATION ASSOCIE**
[72] GRIESBACH, Henry Louis, III, US
[72] SASSE, Philip Anthony, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 1998-12-21
[86] 1997-06-19 (PCT/US97/10717)
[87] 1997-12-31 (WO97/49848)
[30] US (08/671,391) 1996-06-27

[21] **2,259,178**
[13] A1

[51] **Int.Cl. 6B65D21/02 6B65D81/02 6B65D85/32 6B65D1/34**
[25] EN
[54] **STACKING TRAYS**
[54] **PLATEAUX EMPILABLES**
[72] JUPILLE, Henry, US
[72] TOSTENSON, David J., US
[71] FOSTER POULTRY FARMS, INC., US
[71] JUPILLE DESIGN, INCORPORATED, US
[85] 1998-12-24
[86] 1997-06-19 (PCT/US97/10640)
[87] 1997-12-31 (WO97/49612)
[30] US (08/673,698) 1996-06-25

[21] **2,259,180**
[13] A1

[51] **Int.Cl. 6F27B3/08 6F27D11/10 6C21C5/52 6F27B1/02**
[25] EN
[54] **ARC FURNACE WITH AN ELECTRODE RECEIVING CHAMBER**
[54] **FOUR A ARC AVEC LOGEMENT D'ELECTRODE**
[72] KIMMER, Klaus, DE
[72] KLEIN, Karl-Heinz, DE
[71] BADISCHE STAHL ENGINEERING GMBH, DE
[85] 1998-12-24
[86] 1997-04-11 (PCT/EP97/01808)
[87] 1998-01-08 (WO98/00568)
[30] DE (196 26 389.1) 1996-07-01

PCT Applications Entering the National Phase

[21] **2,259,181**
[13] A1
[51] Int.Cl. 6G1T1/00 6G1T1/29
[25] EN
[54] **DIRECTIONAL RADIATION DETECTOR AND IMAGER**
[54] **DETECTEUR ET IMAGEUR DE RAYONNEMENT DIRECTIONNEL**
[72] BRUCKER, George J., US
[72] KRONENBERG, Stanley, US
[71] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE ARMY, US
[85] 1998-12-21
[86] 1997-05-21 (PCT/US97/09355)
[87] 1998-01-08 (WO98/00731)
[30] US (687,095) 1996-07-03

[21] **2,259,182**
[13] A1
[51] Int.Cl. 6E4H12/12 6E4H12/22
[25] EN
[54] **IMPROVED POWER TRANSMISSION SUPPORT STRUCTURES**
[54] **STRUCTURES PORTEUSES DE LIGNES AMELIOREES**
[72] MOTT, John R., US
[72] STANLEY, Earl K., US
[71] ADVANCED METALS TECHNOLOGY CORP., US
[85] 1998-12-24
[86] 1997-06-26 (PCT/US97/10794)
[87] 1998-01-08 (WO98/00615)
[30] US (60/020,753) 1996-06-28

[21] **2,259,184**
[13] A1
[51] Int.Cl. 6G1M7/00 6G2B5/26 6G1D21/00
[25] EN
[54] **OPTICAL SENSOR SYSTEM UTILIZING BRAGG GRATING SENSORS**
[54] **SYSTEME DE CAPTEURS OPTIQUES UTILISANT DES CAPTEURS A RESEAUX DE BRAGG**
[72] KERSEY, Alan D., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECURE, US
[85] 1998-12-24
[86] 1997-04-21 (PCT/US97/06792)
[87] 1998-01-08 (WO98/00740)
[30] US (08/672,910) 1996-06-28

[21] **2,259,186**
[13] A1
[51] Int.Cl. 6F16D11/14
[25] EN
[54] **CLAW TOOTHING FOR A GEAR-BOX OR THE LIKE**
[54] **DENTURE A CRABOTS POUR BOITE DE VITESSES OU SIMILAIRE**
[72] GUTMANN, Peter, DE
[72] TAUSCHEK, Georg, DE
[71] BLW PRÄZISIONSSCHMIEDE GMBH, DE
[85] 1998-12-21
[86] 1997-06-18 (PCT/EP97/03174)
[87] 1997-12-31 (WO97/49933)
[30] DE (196 24 772.1) 1996-06-21

[21] **2,259,187**
[13] A1
[51] Int.Cl. 6C10M135/26 6C10M135/06
[25] EN
[54] **SULFUR-CONTAINING CARBOXYLIC ACID DERIVATIVES TO REDUCE DEPOSIT FORMING TENDENCIES AND IMPROVE ANTIOXIDANCY OF AVIATION TURBINE OILS**
[54] **DERIVES DE L'ACIDE CARBOXYLIQUE CONTENANT DU SOUFRE QUI LIMITENT LES TENDANCES A LA FORMATION DE DEPOTS ET RENFORCENT LE POUVOIR ANTIOXYDANT DES HUILES POUR TURBOMOTEURS D'AVIONS**
[72] KIM, Jeenok T., US
[72] GODICI, Patrick E., US
[72] BERLOWITZ, Paul J., US
[72] BELTZER, Morton, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1998-12-23
[86] 1997-07-11 (PCT/US97/12049)
[87] 1998-01-22 (WO98/02509)
[30] US (08/678,910) 1996-07-12
[30] US (08/794,958) 1997-02-04

[21] **2,259,188**
[13] A1
[51] Int.Cl. 6B67D5/14 6G7F13/00
[25] EN
[54] **METHOD FOR CONTROLLING THE SUPPLY OF FUEL AND/OR THE PAYMENT FOR SAME AT A SERVICE STATION AND INSTALLATION USED FOR IMPLEMENTING THIS METHOD**
[54] **PROCEDE POUR LE CONTROLE DE LA DISTRIBUTION ET/OU LE PAIEMENT DU CARBURANT DELIVRE DANS UNE STATION-SERVICE ET INSTALLATION UTILISEE POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] MICHOT, Gerard, FR
[72] LEGOUX, Jacques, FR
[71] ORDICAM RECHERCHE ET DEVELOPPEMENT, FR
[85] 1998-12-24
[86] 1997-06-19 (PCT/FR97/01101)
[87] 1998-01-08 (WO98/00817)
[30] FR (96 08201) 1996-06-28

[21] **2,259,189**
[13] A1
[51] Int.Cl. 6C8K5/523 6C9K21/12 6C8J3/20
[25] EN
[54] **BLEND OF POLYPHOSPHATE FLAME RETARDANT AND LIQUID CRYSTALLINE ADDITIVE**
[54] **MELANGE D'UN PRODUIT IGNIFUGE A POLYPHOSPHATE ET D'UN ADJUVANT A CRISTAUX LIQUIDES**
[72] DASHEVSKY, Sophia, US
[72] AARONSON, Alan M., US
[72] BURK, Johst, US
[72] KIM, Ki-Soo, US
[71] AKZO NOBEL NV, NL
[85] 1998-12-21
[86] 1997-06-25 (PCT/EP97/03372)
[87] 1997-12-31 (WO97/49760)
[30] US (08/671,224) 1996-06-27

Demandes PCT entrant en phase nationale

[21] **2,259,190**

[13] A1

[51] Int.Cl. 6C23C4/12 6C23C4/10
[25] EN
[54] **THERMAL SPRAYING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE VAPORISATION THERMIQUE**
[72] SEITZ, Michael Walter, ZA
[71] METALPLUS (PROPRIETARY) LIMITED, ZA
[85] 1998-12-24
[86] 1997-06-27 (PCT/GB97/01723)
[87] 1998-01-08 (WO98/00574)
[30] ZA (96/5518) 1996-06-28
[30] ZA (96/5519) 1996-06-28

[21] **2,259,191**

[13] A1

[51] Int.Cl. 6G1D5/243
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING SIGNALS OBTAINED FROM A POSITION ENCODER**
[54] **APPAREIL ET PROCEDE SERVANT A TRAITER DES SIGNAUX OBTENUS DEPUIS UN CODEUR DE POSITION**
[72] DAMES, Andrew Nicholas, GB
[72] ELY, David Thomas Eliot, GB
[71] SCIENTIFIC GENERICS LIMITED, GB
[85] 1998-12-24
[86] 1997-06-30 (PCT/GB97/01762)
[87] 1998-01-08 (WO98/00921)
[30] GB (9613673.4) 1996-06-28

[21] **2,259,192**

[13] A1

[51] Int.Cl. 6B67D5/37
[25] EN
[54] **APPARATUS AND METHOD FOR PROTECTING A FILLER GUN**
[54] **DISPOSITIF ET PROCEDE POUR PROTEGER UN PISTOLET DE REMPLISSAGE**
[72] ALVERN, Stein, NO
[72] ALVERN, Oyvind, NO
[71] ALVERN ASA, NO
[85] 1998-12-21
[86] 1997-06-24 (PCT/NO97/00163)
[87] 1997-12-31 (WO97/49633)
[30] US (08/669,228) 1996-06-24
[30] US (08/678,848) 1996-07-12
[30] US (08/723,762) 1996-09-30
[30] US (08/757,096) 1996-12-02

[21] **2,259,193**

[13] A1

[51] Int.Cl. 6B63H23/24 6B63H20/32 6H2K9/08 6H2K9/19
[25] EN
[54] **POD-LIKE SHIP PROPULSION SYSTEM WITH SYNCHRONOUS MOTOR**
[54] **MECANISME DE PROPULSION DE NAVIRE EN FUSEAU AVEC MOTEUR SYNCHRONE**
[72] HEIN, Peter, DE
[72] MEYER, Christian, DE
[71] SIEMENS AKTIENGESellschaft, DE
[85] 1998-12-24
[86] 1997-06-18 (PCT/DE97/01292)
[87] 1997-12-31 (WO97/49605)
[30] DE (196 27 323.4) 1996-06-26

[21] **2,259,195**

[13] A1

[51] Int.Cl. 6H1M8/10 6H1M8/04
[25] EN
[54] **DIRECT METHANOL FUEL CELL (DMFC)**
[54] **PILE A COMBUSTIBLE DIRECTE AU METHANOL**
[72] PANTEL, Kurt, DE
[72] LUFT, Günter, DE
[72] WAIDHAS, Manfred, DE
[71] SIEMENS AKTIENGESellschaft, DE
[85] 1998-12-24
[86] 1997-06-25 (PCT/DE97/01320)
[87] 1997-12-31 (WO97/50140)
[30] DE (196 25 621.6) 1996-06-26

[21] **2,259,196**

[13] A1

[51] Int.Cl. 6H1M8/02
[25] EN
[54] **POLYMER ELECTROLYTE MEMBRANE FUEL CELL WITH BIPOLAR PLATE HAVING INTEGRALLY MOLDED CONDUCTIVE INSERT**
[54] **PILE A COMBUSTIBLE A MEMBRANES ELECTROLYTIQUES EN POLYMER AYANT UNE PLAQUE BIPOLAIRE A CONDUCTEUR MOULE INTEGRE**
[72] MUKOHYAMA, Atsushi, JP
[72] UCHIDA, Makoto, JP
[72] TAKEDA, Toshihiko, JP
[72] FUKUOKA, Yuko, JP
[71] E. I. DUPONT DE NEMOURS AND COMPANY, US
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 1998-12-21
[86] 1997-06-25 (PCT/US97/11073)
[87] 1997-12-31 (WO97/50139)
[30] JP (8-182700) 1996-06-25

[21] **2,259,197**

[13] A1

[51] Int.Cl. 6A63F9/22 6G6F19/00
[25] EN
[54] **DYNAMIC TOURNAMENT GAMING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE JEU EN TOURNOI DYNAMIQUE**
[72] BARNETT, Michael, US
[72] PASCAL, Andrew, US
[72] GIACALONE, Louis David Jr., US
[71] SILICON GAMING, INC., US
[85] 1998-12-24
[86] 1997-06-27 (PCT/US97/11165)
[87] 1998-01-08 (WO98/00210)
[30] US (08/672,775) 1996-06-28

[21] **2,259,198**

[13] A1

[51] Int.Cl. 6A41D1/04
[25] EN
[54] **AEROBIC EXERCISE GARMENT**
[54] **VETEMENT POUR EXERCICES D'AEROBIE**
[72] WILKINSON, William T., US
[72] DICKER, Timothy P., US
[71] WILKINSON, William T., US
[71] DICKER, Timothy P., US
[85] 1998-12-29
[86] 1998-02-03 (PCT/US98/01967)
[87] 1998-08-27 (WO98/36652)
[30] US (08.802.973) 1997-02-20

PCT Applications Entering the National Phase

[21] **2,259,199**
[13] A1
[51] Int.Cl. 6B1D39/16 6B1D46/24
[25] EN
[54] FILTER ARRANGEMENT INCLUDING REMOVABLE FILTER WITH FIRST AND SECOND MEDIA SECURED TOGETHER
[54] DISPOSITIF FILTRANT COMPRENANT UN FILTRE AMOVIBLE AYANT UN PREMIER MILIEU ET UN DEUXIEME MILIEU FILTRANTS FIXES ENSEMBLE
[72] ELFSTRAND, James K., US
[72] NEPSUND, Larry R., US
[72] BOECKERMANN, Thomas A., US
[72] ABRAHAMSON, Kathleen A., US
[71] DONALDSON COMPANY, INC., US
[85] 1999-01-05
[86] 1997-07-09 (PCT/US97/12290)
[87] 1998-01-22 (WO98/02232)
[30] US (08/678,301) 1996-07-11

[21] **2,259,200**
[13] A1
[51] Int.Cl. 6C9K21/14 6C9D5/18
[25] EN
[54] PLATINUM-CONTAINING THERMAL PROTECTIVE COMPOSITIONS
[54] COMPOSITIONS DE PROTECTION THERMIQUE CONTENANT DU PLATINE
[72] TAYLOR, Edward W., Jr., US
[72] FELDMAN, Rubin, US
[72] THORPE, Allen W., US
[72] DEOGON, Malkit S., US
[71] NU-CHEM, INC., US
[85] 1998-12-23
[86] 1997-07-08 (PCT/US97/11835)
[87] 1998-01-29 (WO98/03052)
[30] US (60/020,589) 1996-07-08

[21] **2,259,201**
[13] A1
[51] Int.Cl. 6B1J29/08 6C10G11/05 6B1J21/08
[25] EN
[54] CATALYSTS FOR OPTIMUM BOTTOMS CRACKING OF HEAVY FEEDS
[54] CATALYSEURS DE CRAQUAGE OPTIMAL DE RESIDUS DE CHARGES LOURDES
[72] LAPINSKI, Mark, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1998-12-23
[86] 1997-07-11 (PCT/US97/12040)
[87] 1998-01-29 (WO98/03612)
[30] US (08/684,523) 1996-07-19

[21] **2,259,202**
[13] A1
[51] Int.Cl. 6H1H71/56 6H1H9/22
[25] EN
[54] CIRCUIT BREAKER HANDLE OPERATOR APPARATUS AND SYSTEM
[54] SYSTEME ET APPAREIL D'ACTIONNEMENT D'UN LEVIER DE DISJONCTEUR
[72] GREEN, Russell B., US
[72] RAMEY, Milton E., US
[71] SIEMENS ENERGY & AUTOMATION, INC., US
[85] 1998-12-23
[86] 1997-07-07 (PCT/US97/11933)
[87] 1998-01-15 (WO98/01882)
[30] US (08/678,617) 1996-07-10

[21] **2,259,204**
[13] A1
[51] Int.Cl. 6A62D3/00 6C9D9/00
[25] EN
[54] PAINT FOR NONHAZARDOUS REMOVAL OF HEAVY METALS AND METHOD FOR USING THE SAME
[54] PEINTURE POUR ELIMINATION NON DANGEREUSE DES METAUX LOURDS ET SON MODE D'UTILISATION
[72] MEYERS, Robert Todd, US
[72] PRENOSIL, Michael Bruce, US
[72] HENKELMAN, Michael L., US
[71] HOFFER'S INC., US
[71] RMT, INC., US
[85] 1998-12-23
[86] 1997-06-30 (PCT/US97/11413)
[87] 1998-01-08 (WO98/00202)
[30] US (08/675,614) 1996-07-03

[21] **2,259,205**
[13] A1
[51] Int.Cl. 6C10M163/00 6C10M141/00
[25] EN
[54] CRANKCASE LUBRICANT FOR HEAVY DUTY DIESEL OIL
[54] LUBRIFIANT DE CARTER DESTINE AUX HUILES HAUTE TENUE DES MOTEURS DIESEL
[72] OUTTEN, Edward Francis, US
[72] RITCHIE, Andrew James Dalziel, US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 1998-12-23
[86] 1997-07-29 (PCT/US97/13368)
[87] 1998-02-19 (WO98/06798)
[30] US (695,353) 1996-08-09

[21] **2,259,206**
[13] A1
[51] Int.Cl. 6C10L1/08
[25] EN
[54] SYNTHETIC DIESEL FUEL WITH REDUCED PARTICULATE MATTER EMISSIONS
[54] CARBURANT DIESEL SYNTHETIQUE A EMISSIONS DE PARTICULES REDUITES
[72] WITTENBRINK, Robert Jay, US
[72] RYAN, Daniel Francis, US
[72] BAUMAN, Richard Frank, US
[72] BERLOWITZ, Paul Joseph, US
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1998-12-23
[86] 1997-07-14 (PCT/US97/12111)
[87] 1998-02-12 (WO98/05740)
[30] US (08/691,769) 1996-08-02

[21] **2,259,207**
[13] A1
[51] Int.Cl. 6B60R13/08 6G10K11/16 6E4B1/84
[25] EN
[54] INSULATING LAYER WITH INTEGRAL GROMMETS
[54] COUCHE ISOLANTE AVEC OEILLETS INTEGRES
[72] CAMPBELL, Michael T., US
[71] CASCADE ENGINEERING, INC., US
[85] 1998-12-23
[86] 1997-07-25 (PCT/US97/13129)
[87] 1998-02-05 (WO98/04437)
[30] US (60/022,668) 1996-07-26

[21] **2,259,208**
[13] A1
[51] Int.Cl. 6C12N15/55 6C12N9/14 6C7K16/40 6A61K38/46
[25] EN
[54] ISOLATION AND CLONING OF THE HUMAN HARSA-I GENE AND USES THEREOF
[54] ISOLEMENT ET CLONAGE DU GENE HARSA-I HUMAIN ET UTILISATIONS
[72] HOWELL, Stephen B., US
[72] NAREDI, Peter, SE
[72] KURDI-HAIDAR, Buran, US
[72] ENNS, Robert, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 1998-12-24
[86] 1997-06-30 (PCT/US97/11578)
[87] 1998-01-08 (WO98/00527)
[30] US (08/674,149) 1996-07-01

Demandes PCT entrant en phase nationale

[21] **2,259,209**
[13] A1

[51] Int.Cl. 6C12N15/29 6C12N15/82
6A1H5/00 6A1H5/10
[25] EN
[54] **PLANT PLASTID DIVISION GENES**
[54] **GENES DE PLANTES REGULANT LA DIVISION DES PLASTES**
[72] OSTERYOUNG, Katherine W., US
[71] UNIVERSITY OF NEVADA, US
[85] 1998-12-24
[86] 1997-06-27 (PCT/US97/11287)
[87] 1998-01-08 (WO98/00436)
[30] US (60/020,959) 1996-06-28

[21] **2,259,210**
[13] A1

[51] Int.Cl. 6C12N15/82 6A1H5/00 6A1H5/10
[25] EN
[54] **FULL LENGTH TRANSCRIPT (FLT) PROMOTER FROM FIGWORT MOSAIC CAULIMOVIRUS (FMV) AND USE TO EXPRESS CHIMERIC GENES IN PLANT CELLS**
[54] **PROMOTEUR DE PRODUIT DE TRANSCRIPTION DE PLEINE LONGUEUR (FLT) ISSU D'UN CAULIMOVIRUS DE MOSAIQUE DE SCROFULAIRE (FMV) ET SON UTILISATION POUR EXPRIMER DES GENES CHIMERES DANS DES CELLULES VEGETALES**
[72] MAITI, Indu B., US
[72] SHEPHERD, Robert J., US
[71] THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
[85] 1998-12-24
[86] 1997-07-03 (PCT/US97/11712)
[87] 1998-01-08 (WO98/00534)
[30] US (08/675,090) 1996-07-03

[21] **2,259,211**
[13] A1

[51] Int.Cl. 6A21D13/00
[25] EN
[54] **FILLED BAGEL PRODUCT AND METHOD**
[54] **PETIT PAIN FOURRE ET PROCEDE DE PREPARATION ASSOCIE**
[72] BURGER, Alvin, US
[71] BURGER, Alvin, US
[85] 1999-01-05
[86] 1997-06-09 (PCT/US97/10090)
[87] 1998-02-12 (WO98/05214)
[30] US (08/689,294) 1996-08-06
[30] US (08/823,803) 1997-03-24

[21] **2,259,213**
[13] A1

[51] Int.Cl. 6A61F9/007
[25] EN
[54] **OPHTHALMOLOGICAL INSTRUMENTS AND METHODS OF USE**
[54] **INSTRUMENTS OPHTHALMOLOGIQUES ET PROCEDES D'UTILISATION**
[72] GANDIONCO, Isidro Matias, US
[72] SCHOLL, John Anthony, US
[72] PROUDFOOT, Robert A., US
[72] SILVESTRINI, Thomas A., US
[71] KERAVISION, INC., US
[85] 1999-01-05
[86] 1997-07-19 (PCT/US97/12684)
[87] 1998-01-29 (WO98/03136)
[30] US (60/020,996) 1996-07-19
[30] US (08/896,792) 1997-07-18

[21] **2,259,214**
[13] A1

[51] Int.Cl. 6A61M25/01 6A61M5/31
[25] EN
[54] **SYSTEMS AND METHODS FOR DELIVERING THERAPEUTIC AGENTS TO SELECTED SITES IN A SUBJECT**
[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION D'AGENTS THERAPEUTIQUES A UN SUJET DANS DES SITES SELECTIONNES**
[72] CUNNINGHAM, Miles G., US
[71] CUNNINGHAM, Miles G., US
[85] 1998-12-24
[86] 1997-06-24 (PCT/US97/10981)
[87] 1997-12-31 (WO97/49443)
[30] US (08/673,734) 1996-06-26

[21] **2,259,215**
[13] A1

[51] Int.Cl. 6B42D5/04 6A47G1/06 6G9F1/12 6B42F5/00
[25] EN
[54] **COMBINED EVENT CALENDAR AND PICTURE FRAME**
[54] **CALENDRIER ET CADRE POUR PHOTO COMBINES**
[72] MALCOLM, John J., US
[72] SHALVARJIAN, Thomas, US
[71] MALCOLM, John J., US
[71] SHALVARJIAN, Thomas, US
[85] 1998-12-24
[86] 1997-06-28 (PCT/US97/11248)
[87] 1998-01-08 (WO98/00052)
[30] US (08/672,449) 1996-06-28

[21] **2,259,219**
[13] A1

[51] Int.Cl. 6B29C70/06 6A63B53/10 6B29B11/16 6A63C11/22 6C8J5/24
[25] EN
[54] **HYBRID FIBER-REINFORCED PLASTIC**
[54] **PLASTIQUE HYBRIDE RENFORCE PAR DES FIBRES**
[72] NOGUCHI, Kenichi, JP
[72] HIROSE, Takehiko, JP
[72] YOSHIOKA, Kenichi, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 1998-12-21
[86] 1998-04-22 (PCT/JP98/01851)
[87] 1998-10-29 (WO98/47693)
[30] JP (HEI-9-104213) 1997-04-22

[21] **2,259,220**
[13] A1

[51] Int.Cl. 6G6F19/00 6A63F9/22
[25] EN
[54] **COMPUTERIZED GAME SYSTEM**
[54] **SYSTEME DE JEU COMMANDE PAR ORDINATEUR**
[72] RICHTER, Wolfgang, DE
[71] VLG VIRTUAL LASER GAMES GMBH, DE
[85] 1998-12-24
[86] 1996-07-05 (PCT/EP96/02973)
[87] 1998-01-15 (WO98/01198)

[21] **2,259,221**
[13] A1

[51] Int.Cl. 6D5B1/20 6D5B57/06
[25] EN
[54] **EQUIPMENT FOR SEWING MACHINES KNOWN AS "OVERLOCKS" FOR OBTAINING A FLAT SEAM WHEN JOINING PIECES OF SHEER KNIT FABRIC, ESPECIALLY STOCKINGS, PANTY-HOSE, TIGHTS AND THE LIKE**
[54] **EQUIPEMENT POUR MACHINES A COUDRE DU TYPE A SURJETER, PERMETTANT D'OBTENIR UNE COUTURE PLATE LORS DE L'ASSEMBLAGE DE PIECES EN TISSU MAILLE EXTRA-FIN, NOTAMMENT POUR BAS, COLLANTS(PANTY) ET SIMILAIRES**
[72] MARCHETTI, Luigi, IT
[71] GOLDEN LADY S.P.A., IT
[85] 1998-12-24
[86] 1997-04-09 (PCT/IT97/00076)
[87] 1998-01-08 (WO98/00594)
[30] IT (F196A000158) 1996-06-28
[30] IT (F196U000142) 1996-11-27

PCT Applications Entering the National Phase

[21] 2,259,223
[13] A1

[51] Int.Cl. 6H1M8/02
[25] EN
[54] POLYMER ELECTROLYTE MEMBRANE FUEL CELL WITH BIPOLAR PLATE HAVING MOLDED POLYMER PROJECTIONS
[54] ELECTROLYSEUR A MEMBRANES EN POLYMERES AVEC PLAQUE BIPOLAIRE DE TYPE A MOULAGES PROTUBERANTS EN POLYMERE
[72] FUKUOKA, Yko, JP
[72] UCHIDA, Makoto, JP
[72] MUKOHYAMA, Atsushi, JP
[72] TAKEDA, Toshihiko, JP
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1998-12-21
[86] 1997-06-25 (PCT/US97/11072)
[87] 1997-12-31 (WO97/50138)
[30] JP (8-182701) 1996-06-25

[21] 2,259,225
[13] A1

[51] Int.Cl. 6H4N5/76 6H4N5/765
[25] EN
[54] TIME-SHIFTING APPARATUS AND AUTO-EDIT SYSTEM
[54] APPAREIL A DECALAGE TEMPOREL ET SYSTEME D'AUTO-EDITION
[72] DANIELS, John J., US
[71] DANIELS, John J., US
[85] 1998-12-21
[86] 1997-10-01 (PCT/US97/18372)
[87] 1998-11-12 (WO98/51076)
[30] US (08/848,895) 1997-05-01

[21] 2,259,226
[13] A1

[51] Int.Cl. 6G5B23/00 6B64C13/00 6G5B21/00 6B64D45/00 6G5B23/02
[25] EN
[54] METHOD AND APPARATUS FOR DETECTING DORMANT ACTUATOR FAILURE
[54] PROCEDE ET APPAREIL POUR LA DETECTION D'UNE DEFAILLANCE LATENTE DE VERIN
[72] READMAN, John, US
[72] MAYER, Timothy M., US
[72] WROBEL, James J., US
[71] SUNDSTRAND CORPORATION, US
[85] 1998-12-24
[86] 1997-06-18 (PCT/US97/10410)
[87] 1998-01-08 (WO98/00334)
[30] US (08/673,389) 1996-06-28

[21] 2,259,227
[13] A1

[51] Int.Cl. 6D21H17/16 6D21H21/16 6D21H17/45
[25] EN
[54] ASA SIZING EMULSIONS CONTAINING LOW AND HIGH MOLECULAR WEIGHT CATIONIC POLYMERS
[54] EMULSIONS DE COLLAGE A BASE D'ASA ET CONTENANT DES POLYMERES CATIONIQUES DE FAIBLE POIDS MOLECULAIRE
[72] GLOVER, Daniel E., US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 1998-12-21
[86] 1997-06-25 (PCT/US97/10493)
[87] 1997-12-31 (WO97/49865)
[30] US (60/022,013) 1996-06-25

[21] 2,259,228
[13] A1

[51] Int.Cl. 6A61K48/00 6A61K35/12 6A61K31/70
[25] EN
[54] ADENOVIRAL MEDIATED GENE TRANSFER IN ADIPOCYTES AND RELATED IMPLANTS
[54] TRANSFERT DE GENES PAR MEDIATION ADENOVIRALE DANS DES ADIPOCYTES ET IMPLANTS ASSOCIES
[72] CRYSTAL, Ronald G., US
[72] ROSENGART, Todd, US
[72] HOFFMAN, Lloyd, US
[72] MAGOVERN, Christopher J., US
[72] TALMOR, Mia, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 1998-12-21
[86] 1997-06-26 (PCT/US97/11229)
[87] 1997-12-31 (WO97/49827)
[30] US (08/672,461) 1996-06-26

[21] 2,259,229
[13] A1

[51] Int.Cl. 6F16B21/06 6B60R13/02 6F16B5/06
[25] EN
[54] SYSTEM FOR HOOKING AND FIXING ACCESSORIES MADE OF PLASTIC MATERIAL TO MODULAR SELF-BEARING ELEMENTS AND FROM THE LATTER TO THE VEHICLE BODY
[54] SYSTEME D'ACCROCHAGE ET DE FIXATION D'ACCESSOIRES EN PLASTIQUE A DES ELEMENTS MODULAIRES AUTOPORTEURS ET ACCROCHAGE ET FIXATION DE CES DERNIERS A LA CARROSSERIE DU VEHICULE
[72] ROMERO MAGARINO, Antonio, ES
[72] BARRERO SERRANO, Felipe, ES
[71] IRAUSA INGENIERIA, S.A., ES
[85] 1998-12-21
[86] 1998-04-21 (PCT/ES98/00104)
[87] 1998-10-29 (WO98/47741)
[30] ES (P 9700870) 1997-04-22

[21] 2,259,230
[13] A1

[51] Int.Cl. 6H4Q7/38 6H4Q7/32 6H4Q7/36
[25] EN
[54] METHOD FOR OPTIMAL SELECTION AMONG MULTIPLE PROVIDERS IN A WIRELESS COMMUNICATIONS SERVICE ENVIRONMENT
[54] PROCEDE POUR UNE SELECTION OPTIMALE PARMI DES FOURNISSEURS MULTIPLES DANS UN ENVIRONNEMENT DE SERVICES DE TELECOMMUNICATIONS SANS FIL
[72] BAMBURAK, Michael D., US
[72] DALY, John J., US
[72] RAFFEL, Michael Allen, US
[72] LAWRENCE, Christopher Gregory, US
[72] PRISE, Michael Edward, US
[71] AT&T WIRELESS SERVICES, INC., US
[85] 1998-12-21
[86] 1997-06-24 (PCT/US97/11200)
[87] 1998-01-08 (WO98/01004)
[30] US (08/672,907) 1996-06-28

Demandes PCT entrant en phase nationale

[21] **2,259,231**

[13] A1

[51] **Int.Cl. 6F16B21/07 6B60R13/01**

6F16B5/06 6F16B13/06

[25] EN

[54] **SYSTEM FOR FIXING ACCESSORIES TO PANELS AND/OR SELF-CARRIER ELEMENTS FOR THE INTERNAL LINING OF VEHICLES**

[54] **SYSTEME DE FIXATION D'ACCESSOIRES A DES PANNEAUX ET/OU ELEMENTS AUTOPORTEURS DU REVETEMENT INTERIEUR DE VEHICULES**

[72] ROMEO MAGARINO, Antonio, ES

[72] TOME PEREZ, Jesus, ES

[71] IRAUSA INGENIERIA, S.A., ES

[85] 1998-12-21

[86] 1998-04-21 (PCT/ES98/00105)

[87] 1998-10-29 (WO98/48179)

[30] ES (P 9700865) 1997-04-22

[30] ES (P 9702231) 1997-10-28

[30] ES (P 9800689) 1998-04-01

[21] **2,259,232**

[13] A1

[51] **Int.Cl. 6G9F17/00**

[25] EN

[54] **TETHERED DISPLAY DEVICE**

[54] **DISPOSITIF DE PRESENTATION ATTACHE**

[72] SHAW, Matthew H., US

[71] ELECTRONIC PROGRAMMING AND DESIGN INC., US

[85] 1998-12-24

[86] 1997-04-30 (PCT/US97/07360)

[87] 1997-12-31 (WO97/50074)

[30] US (08/674,651) 1996-06-25

[21] **2,259,234**

[13] A1

[51] **Int.Cl. 6G7F3/04 6G7D5/08 6G7D3/14**

6G7D9/00

[25] EN

[54] **COIN DISCRIMINATION APPARATUS AND METHOD**

[54] **PROCEDE ET APPAREIL DE SEPARATION DE PIECES DE MONNAIE**

[72] PHILLIPS, Alan C., US

[72] BERHO, Rodrigo, US

[72] NEUBARTH, Stuart K., US

[72] GERRITY, Dan, US

[72] BLUMBERG, Robert, US

[72] CANNON, Larry, US

[72] GERMANY, Cheryl, US

[72] MARTIN, Doug, US

[72] LEONARD, Paul, US

[72] EVERHART, Daniel, US

[72] WAECHTER, Mark, US

[71] COINSTAR, INC., US

[85] 1998-12-21

[86] 1997-06-27 (PCT/US97/11174)

[87] 1998-01-08 (WO98/00813)

[30] US (08/672,639) 1996-06-28

[30] US (08/807,046) 1997-02-24

[21] **2,259,235**

[13] A1

[51] **Int.Cl. 6H4L5/22 6H4J3/16**

[25] EN

[54] **COMMUNICATION METHOD AND APPARATUS**

[54] **METHODE ET DISPOSITIF ET COMMUNICATION**

[72] ATKINS, Peter David, NZ

[72] WORTHINGTON, James Stephen, NZ

[72] LITTEK, Arnim Holger, NZ

[71] DIGI-TECH RESEARCH AND DEVELOPMENT LIMITED, NZ

[85] 1998-12-21

[86] 1997-06-27 (PCT/NZ97/00086)

[87] 1998-01-08 (WO98/00925)

[30] NZ (286908) 1996-06-28

[21] **2,259,236**

[13] A1

[51] **Int.Cl. 6C9K17/52 6A1B79/00**

6C9K17/18

[25] EN

[54] **A METHOD FOR APPLYING PLASTIC SOIL MULCH**

[54] **PROCEDE D'APPLICATION D'UNE COUVERTURE EN PLASTIQUE SUR UN SOL**

[72] BECKER, Eliezer, IL

[72] GAMLIEL, Avraham, IL

[71] N.A.N.A. NIR OZ, IL

[71] STATE OF ISRAEL/MINISTRY OF AGRICULTURE, IL

[85] 1998-12-21

[86] 1997-07-02 (PCT/IL97/00222)

[87] 1998-01-15 (WO98/01510)

[30] IL (118787) 1996-07-04

[21] **2,259,238**

[13] A1

[51] **Int.Cl. 6H4Q7/22 6H4Q7/38**

[25] EN

[54] **METHOD FOR CATEGORIZATION OF MULTIPLE PROVIDERS IN A WIRELESS COMMUNICATIONS SERVICE ENVIRONMENT**

[54] **PROCEDE DE CATEGORISATION DES FOURNISSEURS MULTIPLES DANS UN ENVIRONNEMENT DE SERVICES DE COMMUNICATION SANS FIL**

[72] PRISE, Michael Edward, US

[72] LAWRENCE, Christopher Gregory, US

[72] RAFFEL, Michael Allen, US

[72] DALY, John J., US

[72] BAMBURAK, Michael D., US

[71] AT&T WIRELESS SERVICES, INC., US

[85] 1998-12-21

[86] 1997-06-24 (PCT/US97/11059)

[87] 1998-01-08 (WO98/01003)

[30] US (08/672,908) 1996-06-28

[21] **2,259,239**

[13] A1

[51] **Int.Cl. 6G2B27/08**

[25] EN

[54] **KALEIDOSCOPE**

[54] **KALEIDOSCOPE**

[72] YODA, Yuriko, JP

[71] OCHI INTERNATIONAL KABUSHIKI KAISHA, JP

[85] 1998-12-21

[86] 1998-02-02 (PCT/JP98/00429)

[87] 1998-10-29 (WO98/48311)

[30] JP (9/3133) 1997-04-22

PCT Applications Entering the National Phase

<p>[21] 2,259,240 [13] A1 [51] Int.Cl. 6B24B21/20 6B24B5/42 6B24B19/12 6B24B21/16 [25] EN [54] MICROFINISHING MACHINE [54] MACHINE DE MICROFINITION [72] GORG, Donald A., US [72] VAUGHN, Richard P., US [72] PILLA, Antonio, US [71] RADTEC, INC., US [85] 1998-12-21 [86] 1997-07-15 (PCT/US97/12185) [87] 1998-02-12 (WO98/05473) [30] US (60/022,928) 1996-08-01</p>	<p>[21] 2,259,242 [13] A1 [51] Int.Cl. 6C9D133/14 6C9D157/00 [25] EN [54] HEAT-HARDENABLE PAINT COMPOSITIONS [54] COMPOSITIONS DE PEINTURE THERMODURCISSABLE [72] SHIBATOHI, Kishio, JP [72] NUKITA, Akito, JP [72] LÜER, Ingo, DE [71] BASF COATINGS AG, DE [71] NOF CORPORATION, JP [85] 1998-12-24 [86] 1997-07-29 (PCT/EP97/04111) [87] 1998-02-26 (WO98/07796) [30] JP (8/221552) 1996-08-22</p>	<p>[21] 2,259,247 [13] A1 [51] Int.Cl. 6G6F13/28 6G6F13/36 [25] EN [54] DATA TRANSFER METHOD AND DEVICE [54] PROCEDE ET DISPOSITIF DE TRANSFERT DE DONNEES [72] YAMAMOTO, Yasuyuki, JP [71] SONY COMPUTER ENTERTAINMENT INC., JP [85] 1998-12-21 [86] 1998-04-22 (PCT/JP98/01857) [87] 1998-10-29 (WO98/48357) [30] JP (9/104979) 1997-04-22</p>
<p>[21] 2,259,241 [13] A1 [51] Int.Cl. 6C21D7/06 6C22C38/04 [25] EN [54] STEEL HAVING EXCELLENT OUTER SURFACE SCC RESISTANCE FOR PIPELINE [54] ACIER AYANT UNE EXCELLENTE RESISTANCE DE SURFACE LATERALE SCC POUR CANALISATIONS [72] FUKAI, Hideaki, JP [72] OKANO, Shigeo, JP [72] ASAHII, Hitoshi, JP [72] KUSHIDA, Takahiro, JP [72] YAMANE, Yasuyoshi, JP [71] NKK CORPORATION, JP [71] NIPPON STEEL CORPORATION, JP [71] KAWASAKI STEEL CORPORATION, JP [71] SUMITOMO METAL INDUSTRIES, LTD., JP [71] KABUSHIKI KAISHA KOBE SEIKO SHO, JP [85] 1998-12-22 [86] 1997-06-26 (PCT/JP97/02220) [87] 1998-01-08 (WO98/00569) [30] JP (8-170004) 1996-06-28</p>	<p>[21] 2,259,244 [13] A1 [51] Int.Cl. 6A23G9/26 [25] EN [54] A METHOD AND A SYSTEM WITH A RELEASE THAWING STATION FOR THE PRODUCTION OF FROZEN CONFECTIONERIES, IN PARTICULAR EDIBLE ICE BODIES [54] PROCEDE ET SYSTEME A POSTE DE DEGEL POUR LA PRODUCTION DE CONFISERIES SURGELEES, EN PARTICULIER DE GLACES COMESTIBLES MOULEES [72] KRENER, Ole Game, DK [72] WALDSTROM, Ejvind, DK [71] TETRA PAK HOYER A.S, DK [85] 1998-12-24 [86] 1997-06-30 (PCT/DK97/00286) [87] 1998-01-08 (WO98/00031) [30] DK (0708/96) 1997-06-30</p>	<p>[21] 2,259,248 [13] A1 [51] Int.Cl. 6G1N33/569 [25] EN [54] DETECTION OF MICROBACTERIA [54] DETECTION DE MYCOBACTERIES [72] WALLIS, Robert S., US [71] CASE WESTERN RESERVE UNIVERSITY, US [85] 1998-12-21 [86] 1997-06-24 (PCT/US97/13235) [87] 1998-02-05 (WO98/04918) [30] US (08/690,347) 1996-07-26</p>
	<p>[21] 2,259,245 [13] A1 [51] Int.Cl. 6E21C35/20 6B65G47/64 6B65G21/10 [25] EN [54] SWING TAIL ASSEMBLY FOR MINER [54] ENSEMBLE QUEUE PIVOTANTE DESTINE A UNE MACHINE D'EXPLOITATION MINIERE [72] COLEMAN, George E., US [72] WALKER, Michael R., US [71] ARCH TECHNOLOGY CORPORATION, US [85] 1998-12-21 [86] 1997-11-12 (PCT/US97/21194) [87] 1998-05-22 (WO98/21449) [30] US (08/747,446) 1996-11-12</p>	<p>[21] 2,259,249 [13] A1 [51] Int.Cl. 6B65G69/00 6B65G67/02 6B60T1/14 [25] EN [54] WHEEL CHOCKING DEVICE AND METHOD FOR USING THE SAME [54] DISPOSITIF DE CALAGE DE ROUE ET METHODE D'UTILISATION [72] PALUS, Thomas J., US [72] HODGES, Charles H., US [72] SHERARD, Jack L., US [72] HAGEMAN, Martin P., US [71] KELLEY COMPANY, INC., US [85] 1998-12-24 [86] 1997-06-27 (PCT/US97/11411) [87] 1997-12-31 (WO97/49627) [30] US (60/020,686) 1996-06-27</p>

Demandes PCT entrant en phase nationale

[21] **2,259,250**
[13] A1

[51] **Int.Cl. 6B23C5/24**
[25] EN
[54] **INDEXABLE INSERT ROUTER**
[54] **DETOUREUSE A PLAQUETTES AMOVIBLES**
[72] JOHNSON, William Bennett, US
[71] INGERSOLL CUTTING TOOL COMPANY, US
[85] 1998-12-23
[86] 1998-04-20 (PCT/US98/08026)
[87] 1998-11-05 (WO98/48967)
[30] US (841.261) 1997-04-29

[21] **2,259,251**
[13] A1

[51] **Int.Cl. 6C12N15/54 6C12N15/60 6A1H5/00 6C12P7/62 6C12N5/04 6C12N15/82 6A1H5/10 6C12N9/10 6C12N1/21**
[25] EN
[54] **METHODS OF OPTIMIZING SUBSTRATE POOLS AND BIOSYNTHESIS OF POLY-.BETA.-HYDROXYBUTYRATE-CO-POLY-.BETA.-HYDROXYVALERATE IN BACTERIA AND PLANTS**
[54] **PROCEDES POUR OPTIMISER DES RESERVES DE SUBSTRATS ET BIOSYNTHESE DE POLY-.BETA.-HYDROXYBUTYRATE-CO-POLY-.BETA.-HYDROXYVALERATE DANS DES BACTERIES ET DES PLANTES**
[72] HINCHEE, Maud A.W., US
[72] STARK, David M., US
[72] CLEMENTE, Thomas E., US
[72] CONNOR-WARD, Dannette V., US
[72] MITSKY, Timothy A., US
[72] KISHORE, Ganesh M., US
[72] FEDELE, Mary J., US
[72] SLATER, Steven C., US
[72] PADGETTE, Stephen R., US
[72] FRY, Joyce E., US
[72] ROZMAN, Renee J., US
[72] GRUYS, Kenneth J., US
[72] HOWE, Arlene R., US
[71] MONSANTO COMPANY, US
[85] 1998-12-23
[86] 1997-05-28 (PCT/US97/08983)
[87] 1998-01-08 (WO98/00557)
[30] US (08/673,388) 1996-06-28

[21] **2,259,253**
[13] A1

[51] **Int.Cl. 6B1J2/04 6A61J3/02**
[25] EN
[54] **METHOD OF MANUFACTURING A DRY POWDER PARTICLE, A POWDER PRODUCED WITH SAID METHOD, AND AN ELECTRODE AND AN APPARATUS FOR USE IN SAID METHOD**
[54] **PROCEDE POUR FABRIQUER DES PARTICULES DE POUDRE SECHE, POUDRE PRODUITE SELON LEDIT PROCEDE, ET ELECTRODE ET DISPOSITIF DESTINES AUDIT PROCEDE**
[72] BORRA, Jean-Pascal Dominique Maurice, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 1998-12-24
[86] 1997-06-27 (PCT/NL97/00366)
[87] 1997-12-31 (WO97/49484)
[30] NL (1003442) 1996-06-27

[21] **2,259,254**
[13] A1

[51] **Int.Cl. 6A61B5/00 6A61M5/142**
[25] EN
[54] **IMPLANTABLE SENSOR AND SYSTEM FOR IN VIVO MEASUREMENT AND CONTROL OF FLUID CONSTITUENT LEVELS**
[54] **CAPTEUR IMPLANTABLE ET SYSTEME DE MESURE ET DE CONTROLE IN VIVO DE TAUX DE CONSTITUANTS DE FLUIDES**
[72] CROTHALL, Katherine D., US
[71] ANIMAS CORPORATION, US
[85] 1998-12-23
[86] 1997-07-08 (PCT/US97/11832)
[87] 1998-01-15 (WO98/01071)
[30] WO (PCT/US96/11435) 1996-07-08

[21] **2,259,256**
[13] A1

[51] **Int.Cl. 6G1D3/032 6G10K11/175 6H4R3/00**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTIVE INTERFERENCE CANCELING**
[54] **SYSTEME ET PROCEDE ADAPTATIFS DE SUPPRESSION DU BROUIL-LAGE**
[72] MARASH, Joseph, IL
[71] LAMAR SIGNAL PROCESSING LTD., IL
[85] 1998-12-21
[86] 1997-06-23 (PCT/IL97/00209)
[87] 1997-12-31 (WO97/50186)
[30] US (08/672,899) 1996-06-27

[21] **2,259,257**
[13] A1

[51] **Int.Cl. 6G6F13/374**
[25] EN
[54] **PARALLEL PACKETIZED INTER-MODULE ARBITRATED HIGH SPEED CONTROL AND DATA BUS**
[54] **SYSTEME DE BUS DE COMMANDE ET DE DONNEES EN PAQUETS A HAUT DEBIT ARBITRE PAR UN MODULE PARALLELE D'INTERCONNECTION**
[72] REGIS, Robert T., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 1998-12-23
[86] 1997-06-27 (PCT/US97/11607)
[87] 1997-12-31 (WO97/50039)
[30] US (08/671,221) 1996-06-27

[21] **2,259,258**
[13] A1

[51] **Int.Cl. 6H2M5/42**
[25] EN
[54] **POWER SUPPLY FOR LIGHT EMITTING DIODE ARRAY**
[54] **ALIMENTATION ELECTRIQUE POUR RESEAU DE DIODES ELECTROLUMINESCENTES**
[72] HOCHSTEIN, Peter A., US
[71] HOCHSTEIN, Peter A., US
[85] 1998-12-21
[86] 1997-06-16 (PCT/US97/10514)
[87] 1997-12-31 (WO97/50168)
[30] US (08/673,200) 1996-06-27

PCT Applications Entering the National Phase

[21] **2,259,259**
[13] A1
[51] Int.Cl. 6B65D17/50
[25] FR
[54] ETUI DE REBOUCHAGE D'UN RECIPIENT MUNI D'UN OBTURATEUR FRANGIBLE
[54] CAP FOR CLOSING A CONTAINER HAVING A BREAKABLE SEAL
[72] MARTIN, Didier, FR
[71] AKLINE, FR
[85] 1998-12-23
[86] 1997-06-26 (PCT/FR97/01142)
[87] 1998-01-08 (WO98/00345)
[30] FR (96/08101) 1996-06-28

[21] **2,259,260**
[13] A1
[51] Int.Cl. 6F16S3/02 6F16M11/24 6F16B7/00 6E21D15/28 6E6C7/44 6F16C3/02
[25] EN
[54] LOCKABLE ADJUSTABLE LENGTH MEMBER
[54] ELEMENT VERROUILLABLE A LONGUEUR REGLABLE
[72] ANANIEV, Vesko, NZ
[71] ANANIEV, Vesko, NZ
[85] 1998-12-21
[86] 1997-05-22 (PCT/NZ97/00062)
[87] 1997-11-27 (WO97/44588)
[30] NZ (286637) 1996-05-22

[21] **2,259,261**
[13] A1
[51] Int.Cl. 6H3H17/02
[25] EN
[54] EFFICIENT MULTICHANNEL FILTERING FOR CDMA MODEMS
[54] FILTRAGE MULTIVOIE EFFICACE POUR MODEMS A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR)
[72] REGIS, Robert T., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 1998-12-23
[86] 1997-06-24 (PCT/US97/10909)
[87] 1997-12-31 (WO97/50173)
[30] US (08/670,160) 1996-06-27

[21] **2,259,262**
[13] A1
[51] Int.Cl. 6H3D9/06
[25] FR
[54] MELANGEUR COMPACT DOUBLEMENT EQUILIBRE A QUAD DE TECS FROIDS EN TECHNOLOGIE MMIC
[54] DOUBLE BALANCED COMPACT MIXER USING MICROWAVE MONOLITHIC INTEGRATED CIRCUIT COLD FET QUAD
[72] VILLEMAZET, Jean-François, FR
[71] ALCATEL, FR
[85] 1998-12-23
[86] 1998-05-04 (PCT/FR98/00891)
[87] 1998-11-12 (WO98/51004)
[30] FR (97/05509) 1997-05-05

[21] **2,259,263**
[13] A1
[51] Int.Cl. 6H4Q7/24 6H4M3/50
[25] EN
[54] PERSONAL CGMMUNICATION DEVICE VOICE MAIL NOTIFICATION APPARATUS AND METHOD
[54] APPAREIL ET PROCEDE DE NOTIFICATION PAR BOITE VOCALE POUR DISPOSITIF DE COMMUNICATION PERSONNEL
[72] REYNOLDS, Kevin T., US
[72] GALLANT, John K., US
[71] MCI COMMUNICATIONS CORPORATION, US
[85] 1998-12-21
[86] 1997-06-27 (PCT/US97/11239)
[87] 1998-01-08 (WO98/00985)
[30] US (08/670,877) 1996-06-28

[21] **2,259,264**
[13] A1
[51] Int.Cl. 6H1B7/28 6H1B3/44
[25] EN
[54] TREE RESISTANT CABLE
[54] CABLE RESISTANT AUX ARBRES
[72] GROSS, Laurence Herbert, US
[72] MENDELSON, Alfred, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 1998-12-23
[86] 1997-06-20 (PCT/US97/10374)
[87] 1997-12-31 (WO97/50093)
[30] US (08/669,602) 1996-06-24

[21] **2,259,265**
[13] A1
[51] Int.Cl. 6H4Q3/47 6G9B21/00 6G11B23/00 6H4M3/42
[25] EN
[54] SYSTEM AND METHOD FOR ENHANCED TELECOMMUNICATIONS RELAY SERVICE WITH EASY EXTENSION FEATURE
[54] SYSTEME ET PROCEDE DE SERVICE RELAIS DE TELECOMMUNICATIONS FACILITE, AVEC NUMEROS DE POSTES SUPPLEMENTAIRES
[72] GIUNTOLI, Robert W., US
[71] MCI COMMUNICATIONS CORPORATION, US
[85] 1998-12-21
[86] 1997-06-30 (PCT/US97/11660)
[87] 1998-01-08 (WO98/00962)
[30] US (08/673,650) 1996-06-28

[21] **2,259,266**
[13] A1
[51] Int.Cl. 6B26D7/22 6B31D5/00 6F16P1/00
[25] EN
[54] CUSHIONING CONVERSION MACHINE
[54] MACHINE A TRANSFORMER DES MATERIAUX DE REMBOURRAGE
[72] LINTALA, Edward W., NL
[72] SIEKMANN, Dirk Johannes, NL
[72] HARDING, Joseph James, US
[72] RATZEL, Richard O., US
[71] RANPAK CORP., US
[85] 1998-12-23
[86] 1997-06-30 (PCT/US97/11515)
[87] 1998-01-08 (WO98/00288)
[30] US (08/673,307) 1996-06-28

Demandes PCT entrant en phase nationale

[21] **2,259,267**
[13] A1

[51] **Int.Cl. 6F17D1/04 6A1G7/02**
[25] EN
[54] **PIPELINE UTILIZATION ENHANCEMENT INCLUDING CARBON DIOXIDE GAS TRANSMISSION, DISTRIBUTION, AND DELIVERY TECHNIQUE**
[54] **PROCEDE D'UTILISATION RENFORCEE DES GAZODUCS INCLUANT DES TECHNIQUES DE TRANSPORT, DE LIVRAISON ET DE DIFFUSION DE GAZ CARBONIQUE**
[72] ERICKSON, Stewart E., US
[71] THE AGRICULTURAL GAS COMPANY, US
[85] 1998-12-24
[86] 1997-06-27 (PCT/US97/11612)
[87] 1998-01-15 (WO98/01698)
[30] US (60/021,131) 1996-06-28

[21] **2,259,268**
[13] A1

[51] **Int.Cl. 6C10L1/30 6C10M161/00**
[25] EN
[54] **ADDITIVE COMPOSITION**
[54] **COMPOSITION D'ADDITIF**
[72] BINGLEY, Michael S., GB
[71] BINGLEY, Michael S., GB
[71] SELBY, Mary T., GB
[85] 1998-12-21
[86] 1997-07-01 (PCT/GB97/01771)
[87] 1998-01-08 (WO98/00481)
[30] GB (9613756.7) 1996-07-01

[21] **2,259,269**
[13] A1

[51] **Int.Cl. 6B63B25/00 6B63B1/12 6B63B27/14**
[25] FR
[54] **NAVIRE PORTE-CONTENEURS AUTONOME A COQUE INTEGRANT UN ENSEMBLE PROPULSIF**
[54] **AUTONOMOUS CONTAINER SHIP WITH HULL INCORPORATING A PROPULSION UNIT**
[72] LE LAN, Jean-Yves, FR
[72] FOURNIER, Christian Gilles, FR
[72] DE SMIRNOFF, Olivier, FR
[72] PERSON, Daniel, FR
[71] ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARME-
MENT, FR
[85] 1998-12-23
[86] 1998-04-27 (PCT/FR98/00839)
[87] 1998-11-05 (WO98/49051)
[30] FR (97/05252) 1997-04-29

[21] **2,259,271**
[13] A1

[51] **Int.Cl. 6H4Q7/22 6H4Q7/38 6H4M3/42**
[25] EN
[54] **SYSTEM AND METHOD FOR FLEXIBLE TRANSLATION OF WIRELESS SPECIAL DIALING STRINGS AND MOBILE FEATURE CODES**
[54] **PROCEDE ET DISPOSITIF DE TRANPOSITION DES SEQUENCES DE NUMEROTATION SPECIALES ET DES CODES DE FONCTIONS DE MOBILES DU SERVICE RADIOTELEPHONIQUE**
[72] GALLANT, John K., US
[71] MCI COMMUNICATIONS CORPORATION, US
[85] 1998-12-21
[86] 1997-06-30 (PCT/US97/11318)
[87] 1998-01-08 (WO98/00987)
[30] US (08/672,810) 1996-06-28

[21] **2,259,272**
[13] A1

[51] **Int.Cl. 6A61B17/00**
[25] EN
[54] **MULTI-FUNCTIONAL SURGICAL CONTROL SYSTEM AND SWITCHING INTERFACE**
[54] **SYSTEME DE COMMANDE CHIRURGICAL MULTIFONCTION ET INTERFACE DE COMMUTATION**
[72] WANG, Yukun, US
[72] JORDAN, Charles S., US
[72] UECKER, Darrin R., US
[71] COMPUTER MOTION, INC., US
[85] 1998-12-24
[86] 1997-06-09 (PCT/US97/10158)
[87] 1997-12-31 (WO97/49340)
[30] US (08/669,629) 1996-06-24

[21] **2,259,273**
[13] A1

[51] **Int.Cl. 6H4Q7/30 6H4Q7/24**
[25] EN
[54] **TELEPHONE SYSTEM HAVING LAND-LINE SUPPORTED PRIVATE BASE STATION SWITCHABLE INTO CELLULAR NETWORK**
[54] **SYSTEME TELEPHONIQUE A STATION DE BASE PRIVEE SUR LIGNE TERRESTRE COMMUTABLE EN RESEAU CELLULAIRE**
[72] LEUCA, Ileana A., US
[72] BUHRMANN, Michael, US
[71] AT&T WIRELESS SERVICES, INC., US
[85] 1998-12-21
[86] 1997-06-24 (PCT/US97/10950)
[87] 1998-01-08 (WO98/00991)
[30] US (08/671,745) 1996-06-28

[21] **2,259,274**
[13] A1

[51] **Int.Cl. 6B63B27/14 6B63B25/00 6B63B27/12**
[25] FR
[54] **MOYENS DE MANUTENTION POUR NAVIRE PORTE CONTENEUR**
[54] **CONTAINER HANDLING MEANS FOR CONTAINER SHIP**
[72] DE SMIRNOFF, Olivier, FR
[72] FOURNIER, Christian Gilles, FR
[72] PERSON, Daniel, FR
[72] LE LAN, Jean-Yves, FR
[71] ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARME-
MENT, FR
[85] 1998-12-23
[86] 1998-04-27 (PCT/FR98/00841)
[87] 1998-11-05 (WO98/49053)
[30] FR (97/05251) 1997-04-29

[21] **2,259,275**
[13] A1

[51] **Int.Cl. 6G1N21/31 6G1N7/10**
[25] EN
[54] **DEVICE FOR MEASURING THE PARTIAL PRESSURE OF GASES DISSOLVED IN LIQUIDS**
[54] **DISPOSITIF POUR MESURER LA PRESSION PARTIELLE DE GAZ DISSOUS DANS DES LIQUIDES**
[72] DIECKMANN, Michael, DE
[72] BUCHHOLZ, Rainer, DE
[71] EUROFERM GMBH, DE
[85] 1998-12-21
[86] 1997-06-18 (PCT/EP97/03177)
[87] 1997-12-31 (WO97/49985)
[30] DE (196 24 844.2) 1996-06-21

PCT Applications Entering the National Phase

[21] 2,259,276
[13] A1

[51] Int.Cl. 6B63B25/00 6B63B1/12
[25] FR
[54] NAVIRE PORTE-CONTENEURS AUTONOME
[54] AUTONOMOUS CONTAINER SHIP
[72] FOURNIER, Christian Gilles, FR
[72] PERSON, Daniel, FR
[72] DE SMIRNOFF, Olivier, FR
[72] LE LAN, Jean-Yves, FR
[71] ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARME-
MENT, FR
[85] 1998-12-23
[86] 1998-04-27 (PCT/FR98/00840)
[87] 1998-11-05 (WO98/49052)
[30] FR (97/05250) 1997-04-29

[21] 2,259,277
[13] A1

[51] Int.Cl. 6A61M16/04 6A61M16/10
[25] FR
[54] FILTRE RESPIRATOIRE JETABLE POUR SUJET TRACHEOTOMISE
[54] DISPOSABLE RESPIRATORY FIL-
TER FOR TRACHEOTOMIZED SUB-
JECT
[72] VORANGER, Danièle, FR
[72] BEZICOT, Robert, FR
[72] BEZICOT, Eric, FR
[71] VORANGER, Danièle, FR
[71] BEZICOT, Robert, FR
[71] BEZICOT, Eric, FR
[85] 1998-12-30
[86] 1997-07-01 (PCT/FR97/01170)
[87] 1998-01-08 (WO98/00189)
[30] FR (96/08171) 1996-07-01

[21] 2,259,279
[13] A1

[51] Int.Cl. 6B62M9/16 6B62M9/12
[25] FR
[54] DISPOSITIF DE TENSION ET DE GUIDAGE D'UNE CHAÎNE POUR UN CHANGEMENT DE VITESSES DE VELO
[54] TENSION AND GUIDING DEVICE OF A CHAIN FOR BICYCLE CHANGE SPEED GEAR
[72] SAVARD, Franck, FR
[71] SAVARD, Franck, FR
[85] 1998-12-30
[86] 1997-07-02 (PCT/FR97/01181)
[87] 1998-01-15 (WO98/01333)
[30] FR (96/08493) 1996-07-03

[21] 2,259,280
[13] A1

[51] Int.Cl. 6G8B15/02
[25] FR
[54] SYSTÈME DE DISSUASION GEN-
ERATEUR DE FUMIGÈNE
[54] SMOKE GENERATING DETER-
RENT SYSTEM
[72] GRZYCZA, Daniel, FR
[72] AUTHIE, Chistian, FR
[71] ETIENNE LACROIX TOUS ARTI-
FICES S.A., FR
[85] 1998-12-31
[86] 1997-07-01 (PCT/FR97/01175)
[87] 1998-01-15 (WO98/01839)
[30] FR (96/08270) 1996-07-03

[21] 2,259,281
[13] A1

[51] Int.Cl. 6C1G23/053 6C9D5/32 6C9C1/
36 6A61K7/42
[25] FR
[54] PARTICULES DE DIOXYDE DE TI-
TANE, LEUR PROCÉDE DE PRÉPARA-
TION ET LEUR UTILISATION DANS
LES COSMÉTIQUES, VERNIS ET LA-
SURES
[54] TITANIUM DIOXIDE PARTICLES,
METHOD FOR THEIR PREPARATION
AND THEIR USE IN COSMETICS, VAR-
NISH AND SURFACE COATING
[72] DUPUIS, Dominique, FR
[72] PACAUD, Bernard, FR
[72] CHOPIN, Thierry, FR
[71] RHODIA CHIMIE, FR
[85] 1999-01-04
[86] 1997-07-04 (PCT/FR97/01208)
[87] 1998-01-15 (WO98/01392)
[30] FR (96/08460) 1996-07-08
[30] FR (96/11781) 1996-09-27

[21] 2,259,282
[13] A1

[51] Int.Cl. 6F4B49/10 6F4B43/02
[25] EN
[54] SYSTEM FOR MONITORING DIA-
PHRAGM PUMP FAILURE
[54] SYSTÈME DE SURVEILLANCE DE
PANNE POUR POMPE À DIAPHRAGME
[72] GREEN, Steven R., US
[72] POWELL, David L., Jr., US
[71] TEXACO DEVELOPMENT CORPO-
RATION, US
[85] 1998-12-21
[86] 1997-06-26 (PCT/US97/11489)
[87] 1998-01-08 (WO98/00640)
[30] US (60/020,838) 1996-06-28
[30] US (08/869,644) 1997-06-05

[21] 2,259,283
[13] A1

[51] Int.Cl. 6A61K48/00 6A61K31/70
[25] FR
[54] MÉTHODE DE TRAITEMENT DE
LA SCLÉROSE LATÉRALE AMYO-
TROPHIQUE
[54] METHOD FOR TREATING AMYO-
TROPIC LATERAL SCLEROSIS
[72] HAASE, Georg, FR
[72] KAHN, Axel, FR
[72] REVAH, Frédéric, FR
[72] KENNEL, Philippe, FR
[72] MALLET, Jacques, FR
[71] INSTITUT NATIONAL DE LA SANTÉ
ET DE LA RECHERCHE MÉDICALE, FR
[71] RHONE-POULENC RORER S.A., FR
[85] 1999-01-05
[86] 1997-09-10 (PCT/FR97/01589)
[87] 1998-03-19 (WO98/11213)
[30] FR (96/11186) 1996-09-13

[21] 2,259,284
[13] A1

[51] Int.Cl. 6C8G18/12 6C8G18/32
6C8G18/48 6D1F6/70
[25] EN
[54] IMPROVED SPANDEX ELAS-
TOMERS
[54] ELASTOMERES DE TYPE SPAN-
DEX PERFECTIONNES
[72] SENEKER, Stephen, US
[72] LAWREY, Bruce, US
[71] ARCO CHEMICAL TECHNOLOGY,
L.P., US
[85] 1998-12-22
[86] 1997-10-09 (PCT/EP97/05558)
[87] 1998-04-23 (WO98/16568)
[30] US (08/728,920) 1996-10-11
[30] US (08/728,922) 1996-10-11
[30] US (08/728,923) 1996-10-11

Demandes PCT entrant en phase nationale

[21] **2,259,285**
[13] A1
[51] Int.Cl. 6E5G1/10 6H4Q9/00
[25] FR
[54] SYSTEME DE TRANSPORT SECURISE D'OBJETS EN CONTENEUR INVOLABLE DONT AU MOINS UNE STATION DESTINATAIRE EST MOBILE ET TRANSPORTABLE
[54] SYSTEM FOR SECURELY TRANSPORTING OBJECTS IN A TAMPER-PROOF CONTAINER, WHEREIN AT LEAST ONE RECIPIENT STATION IS MOBILE AND PORTABLE
[72] LACOMBE, Jean-Marc, FR
[72] GEOFFROY, Marc, FR
[71] AXYTRANS, FR
[85] 1999-01-05
[86] 1997-07-10 (PCT/FR97/01254)
[87] 1998-01-15 (WO98/01833)
[30] FR (96/08605) 1996-07-10

[21] **2,259,286**
[13] A1
[51] Int.Cl. 6H4H1/00 6H4H1/02 6H4L12/18
[25] EN
[54] POLYNOMIAL EXPANSION MULTICAST MESSAGE DISTRIBUTION
[54] DISTRIBUTION DE MESSAGES A PLUSIEURS DESTINATAIRES A EXPANSION POLYNOMIALE
[72] GILBERT, Timothy G., US
[71] GATEWAY 2000, INC., US
[85] 1998-12-22
[86] 1997-06-23 (PCT/US97/10827)
[87] 1997-12-31 (WO97/50208)
[30] US (08/669,209) 1996-06-24

[21] **2,259,287**
[13] A1
[51] Int.Cl. 6H4Q7/22 6H4L9/32
[25] FR
[54] MESSAGE COURT AMELIORE ET PROCEDE DE SYNCHRONISATION ET DE SECURISATION D'UN ECHANGE DE MESSAGES COURTS AMELIORES DANS UN SYSTEME DE RADIOCOMMUNICATION CELLULAIRE
[54] ENHANCED SHORT MESSAGE AND METHOD FOR SYNCHRONISING AND ENSURING SECURITY OF ENHANCED SHORT MESSAGES EXCHANGED IN A CELLULAR RADIO COMMUNICATION SYSTEM
[72] PROUST, Philippe, FR
[72] HUET, Cédric, FR
[72] LAGET, Anne, FR
[71] GEMPLUS S.C.A., FR
[85] 1999-01-05
[86] 1997-07-11 (PCT/FR97/01298)
[87] 1998-01-22 (WO98/03026)
[30] FR (96/08906) 1996-07-11

[21] **2,259,288**
[13] A1
[51] Int.Cl. 6B32B31/20 6B29C33/04 6B29C65/10
[25] EN
[54] METHOD FOR BONDING A COVER TO A FLEXIBLE PAD
[54] PROCEDE POUR COLLER UN REVETEMENT SUR UN COUSSINET FLEXIBLE
[72] KAMIL, Ifikhar, US
[72] KLEMS, William F., US
[72] MARFILIUS, Donald F., US
[71] MAGNA LOMASON CORPORATION, US
[85] 1998-12-22
[86] 1997-04-29 (PCT/US97/06593)
[87] 1998-01-08 (WO98/00275)
[30] US (08/674,176) 1996-07-01

[21] **2,259,289**
[13] A1
[51] Int.Cl. 6A61M5/168 6A61M39/28
[25] EN
[54] IMPROVED INFUSION APPARATUS
[54] APPAREIL DE PERFUSION AMELIORE
[72] TVERSKOY, Grigory N., IL
[72] LIPETSKER, Leonid, IL
[72] STRUZER, Roman, IL
[72] VORONOV, Evgeny, IL
[71] MEDUN LTD., IL
[85] 1998-12-22
[86] 1997-06-30 (PCT/IL97/00218)
[87] 1998-01-08 (WO98/00186)
[30] IL (118766) 1996-07-01

[21] **2,259,290**
[13] A1
[51] Int.Cl. 6C9D4/06 6B5D7/24 6B5D3/06
[25] EN
[54] OXYGEN-CURABLE COATING COMPOSITION
[54] COMPOSITION DE REVETEMENT REAGISSANT A UN SECHAGE A L'OXYGENE
[72] CANTOR, Stephen E., US
[72] LEVINE, Leon, US
[71] DYMAX CORPORATION, US
[85] 1998-12-22
[86] 1997-07-18 (PCT/US97/12636)
[87] 1998-01-29 (WO98/03557)
[30] US (08/685,492) 1996-07-24

[21] **2,259,291**
[13] A1
[51] Int.Cl. 6B60R21/32 6B60R22/48 6G1L1/04
[25] EN
[54] SEAT BELT TENSION MEASUREMENT DEVICE USING A BEND SENSOR
[54] DISPOSITIF DE MESURE DE LA TENSION D'UNE CEINTURE DE SECURITE COMPRENANT UN DETECTEUR DE COURBURE
[72] STANLEY, James Gregory, US
[72] TRAN, Vinh H., US
[71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US
[85] 1998-12-23
[86] 1998-05-12 (PCT/US98/09643)
[87] 1998-11-19 (WO98/51545)
[30] US (60/046,227) 1997-05-12
[30] US (075,729) 1998-05-11

PCT Applications Entering the National Phase

[21] **2,259,293**
[13] A1

[51] Int.Cl. 6A21D13/00
[25] EN
[54] **DIVIDED PIZZA WITH ADJOINING CRUST SEGMENTS**
[54] **PIZZA DIVISEE PAR DES SEGMENTS DE CROUTE ADJACENTS**
[72] PAULUCCI, Jeno F., US
[71] PAULUCCI, Jeno F., US
[85] 1998-12-29
[86] 1997-06-25 (PCT/US97/11038)
[87] 1998-01-08 (WO98/00028)
[30] US (08/673,337) 1996-06-28

[21] **2,259,299**
[13] A1

[51] Int.Cl. 6G6K7/08 6G6K7/10 6G6K19/04
[25] EN
[54] **SYSTEM FOR ACQUIRING IN SITU INFORMATION RELATIVE TO A POWER CABLE AND TO ITS ACCESSORIES**
[54] **SYSTEME POUR L'ACQUISITION IN SITU D'INFORMATIONS RELATIVES A L'HISTORIQUE D'UN CABLE DE PUISSANCE ET DE SES ACCESSOIRES**
[72] MILA VIDAL, Manel, ES
[71] CABLES PIRELLI, S.A., US
[85] 1998-12-29
[86] 1997-06-27 (PCT/ES97/00164)
[87] 1998-01-08 (WO98/00805)
[30] ES (P 9601444) 1996-06-28

[21] **2,259,300**
[13] A1

[51] Int.Cl. 6B1D47/06 6B1D47/12
[25] EN
[54] **INSTALLATION FOR CLEANING GASES, ESPECIALLY FIRE SMOKE GASES**
[54] **INSTALLATION DE NETTOYAGE DES GAZ, PRINCIPALEMENT DES GAZ DE FUMEE DE COMBUSTION**
[72] AFANASJEV, Alexandr V., RU
[72] DAVYDKIN, Nikolay F., RU
[72] MALININ, Nikolay N., RU
[72] ÖSTRAND, Lars, SE
[72] LARSSON, Bertil, SE
[71] SAFE ROAD AB, SE
[85] 1998-12-29
[86] 1997-07-02 (PCT/SE97/01195)
[87] 1998-01-15 (WO98/01213)
[30] SE (9602643.0) 1996-07-04

[21] **2,259,301**
[13] A1

[51] Int.Cl. 6G6F17/30 6G6F15/00
[25] EN
[54] **RESTORING THE STATE OF A SET OF FILES**
[54] **RESTAURATION DE L'ETAT D'UN GROUPE DE FICHIERS**
[72] LASSER, Clifford A., US
[72] LORDI, Robert D., US
[72] STANFILL, Craig W., US
[71] AB INITIO SOFTWARE CORPORATION, US
[85] 1998-12-29
[86] 1997-07-01 (PCT/US97/11633)
[87] 1998-01-08 (WO98/00795)
[30] US (08/678,398) 1996-07-02

[21] **2,259,302**
[13] A1

[51] Int.Cl. 6C12N5/18 6C7K16/42 6G1N33/564 6G1N33/577
[25] EN
[54] **NEPHROPATHY-RELATED IMMUNOGLOBULIN AND ANTIBODIES FOR SAME**
[54] **IMMUNOGLOBULINE G LIEE A LA NEPHROPATHIE ET ANTICORPS CONTRE CELLE-CI**
[72] McDONALD, Thomas L., US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 1998-12-29
[86] 1996-07-01 (PCT/US96/11140)
[87] 1998-01-08 (WO98/00445)

[21] **2,259,303**
[13] A1

[51] Int.Cl. 6A61K47/14 6A23L1/302
[25] EN
[54] **VITAMIN SUSPENSION**
[54] **SUSPENSION DE VITAMINES**
[72] ZIMMERMAN, Stephen Paul, US
[72] McDONALD, Gerald, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-29
[86] 1997-07-02 (PCT/US97/11400)
[87] 1998-01-08 (WO98/00038)
[30] US (60/021,050) 1996-07-02

[21] **2,259,304**
[13] A1

[51] Int.Cl. 6A21D10/00 6A23L1/217 6A23L1/307
[25] EN
[54] **DOUGH COMPOSITIONS USED TO PREPARE REDUCED AND LOW-CALORIE SNACKS**
[54] **COMPOSITIONS DE PATE UTILISEES DANS LA PREPARATION D'ENCAS A TENEUR EN CALORIES REDUITE OU FAIBLE**
[72] HSIEH, Yen-Ping Chin, US
[72] LANNER, David Arthur, US
[72] VILLAGRAN, Maria Dolores, US
[72] VILLAGRAN, Francisco Valentino, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-29
[86] 1997-07-01 (PCT/US97/11651)
[87] 1998-01-08 (WO98/00037)
[30] US (60/020,934) 1996-07-01
[30] US (60/020,937) 1996-07-01

[21] **2,259,305**
[13] A1

[51] Int.Cl. 6B65H67/06
[25] EN
[54] **APPARATUS AND METHOD TO CATCH, DAMP AND FEED A CABLE, WIRE, ROPE OR THE LIKE WHICH IS ROLLED UP IN A RING**
[54] **APPAREIL ET PROCEDE PERMETTANT D'INTERCEPTER, D'AMORTIR ET D'EVACUER UN CABLE, UN FIL, UNE CORDE OU ANALOGUE, ENROULE EN UN BOBINAGE**
[72] SKALLEBERG, Øystein, SE
[72] ARNHEDEN, Rolf, SE
[72] GAHN, Bernd, SE
[71] SKALTER AB, SE
[85] 1998-12-29
[86] 1997-06-16 (PCT/SE97/01054)
[87] 1998-01-08 (WO98/00357)
[30] SE (9602608-3) 1996-07-01

Demandes PCT entrant en phase nationale

[21] **2,259,306**

[13] A1

[51] Int.Cl. **6B65D25/22 6B65D23/00 6A47K5/13**

[25] EN

[54] **CONTAINER AND RETRACTABLE HANGER SYSTEM**

[54] **SYSTEME DE CONTENEUR ET DE CINTRE RETRACTABLE**

[72] DAVIS, Brian T., US

[71] S. C. JOHNSON & SON, INC., US

[85] 1998-12-29

[86] 1997-07-03 (PCT/US97/12539)

[87] 1998-01-08 (WO98/00340)

[30] US (08/679,464) 1996-07-03

[21] **2,259,307**

[13] A1

[51] Int.Cl. **6G1N33/558**

[25] EN

[54] **CHROMATOGRAPHIC ASSAY OR TEST DEVICE**

[54] **DISPOSITIF DE TEST OU D'ANALYSE CHROMATOGRAPHIQUE**

[72] CHANDLER, Howard Milne, US

[71] CHANDLER, Howard Milne, US

[85] 1998-12-29

[86] 1997-06-27 (PCT/AU97/00408)

[87] 1998-01-08 (WO98/00712)

[30] AU (PO 0713) 1996-06-28

[21] **2,259,308**

[13] A1

[51] Int.Cl. **6C8K13/04 6C8K3/08 6C8K7/02 6G21F1/10**

[25] EN

[54] **HIGH DENSITY COMPOSITE MATERIAL**

[54] **MATERIAU COMPOSITE A FORTE DENSITE**

[72] DINGUS, Michael L., US

[72] BRAY, Alan V., US

[72] MUSKOPF, Brian A., US

[71] TEXAS RESEARCH INSTITUTE AUSTIN, INC., US

[85] 1998-12-29

[86] 1997-06-27 (PCT/US97/11573)

[87] 1998-01-08 (WO98/00462)

[30] US (60/020,914) 1996-06-28

[21] **2,259,311**

[13] A1

[51] Int.Cl. **6B5B17/06 6F23D11/34**

[25] EN

[54] **DROPLET MIST GENERATOR**

[54] **GENERATEUR DE NUAGE DE GOUTTELETTES**

[72] HEINZL, Joachim, DE

[72] EDERER, Ingo, DE

[72] GASEGGER, Josef, DE

[72] SCHULLERUS, Wolfgang, DE

[72] TILLE, Carsten, DE

[71] HEINZL, Joachim, DE

[85] 1998-12-30

[86] 1997-06-24 (PCT/DE97/01307)

[87] 1998-01-08 (WO98/00237)

[30] DE (196 26 428.6) 1996-07-01

[21] **2,259,312**

[13] A1

[51] Int.Cl. **6C8G65/10**

[25] EN

[54] **DOUBLE METAL CYANIDE CATALYSTS CONTAINING FUNCTIONALIZED POLYMERS**

[54] **CATALYSEURS A DEUX CYANURES METALLIQUES, CONTENANT DES POLYMERES FONCTIONNALISES**

[72] LE-KHAC, Bi, US

[71] ARCO CHEMICAL TECHNOLOGY, L.P., US

[85] 1998-12-22

[86] 1997-10-14 (PCT/EP97/05638)

[87] 1998-04-23 (WO98/16310)

[30] US (08/731,495) 1996-10-16

[21] **2,259,314**

[13] A1

[51] Int.Cl. **6G1N27/447 6C12Q1/68**

[25] EN

[54] **METHOD AND APPARATUS FOR ALIGNMENT OF SIGNALS FOR USE IN DNA BASE-CALLING**

[54] **PROCEDE ET APPAREIL D'ALIGNEMENT DE SIGNAUX UTILISE LORS D'UNE INTERPRETATION D'ADN**

[72] GILCHRIST, Rodney D., CA

[72] CHI, Vrijmoed, CA

[71] VISIBLE GENETICS INC., CA

[85] 1998-12-22

[86] 1997-06-26 (PCT/CA97/00463)

[87] 1998-01-08 (WO98/00708)

[30] US (08/670,534) 1996-06-27

[21] **2,259,315**

[13] A1

[51] Int.Cl. **6H3F1/32 6H3F3/24**

[25] EN

[54] **DEVICE AND METHOD FOR COMPENSATING PHASE DISTORTION**

[54] **DISPOSITIF ET PROCEDE SERVANT A CORRIGER UNE DISTORSION DE PHASE**

[72] CARLSSON, Torsten, SE

[72] HELLMARK, Martin, SE

[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 1998-12-22

[86] 1997-06-10 (PCT/SE97/01011)

[87] 1998-01-08 (WO98/00909)

[30] SE (9602585-3) 1996-06-28

[21] **2,259,317**

[13] A1

[51] Int.Cl. **6B60R21/18**

[25] EN

[54] **INFLATABLE TUBULAR TORSO RESTRAINT SYSTEM**

[54] **SYSTEME DE HARNAIS D'AUTO TUBULAIRE ET GONFLABLE**

[72] ROMEO, David J., US

[72] YANIV, Gershon, US

[72] HARDTMANN, Dirk J., US

[72] BARK, Lindley W., US

[71] SIMULA, INC., US

[85] 1998-12-22

[86] 1997-07-02 (PCT/US97/13118)

[87] 1998-01-08 (WO98/00314)

[30] US (60/021,052) 1996-07-02

[30] US (08/829,750) 1997-03-31

[21] **2,259,318**

[13] A1

[51] Int.Cl. **6G1N33/53 6G1N33/543**

6G1N33/569 6B1J3/00 6G1N33/574 6C7K1/00 6C12Q1/68 6G1N33/74

[25] EN

[54] **PRESSURE-MEDIATED BINDING OF BIOMOLECULAR COMPLEXES**

[54] **ASSOCIATION PAR PRESSION DE COMPLEXES BIOMOLECULAIRES**

[72] LAUGHARN, James A., Jr., US

[72] LITT, Gerald J., US

[72] PAULUS, Henry, US

[72] HESS, Robert A., US

[72] GREEN, David J., US

[71] BIOSEQ, INC., US

[85] 1998-12-22

[86] 1997-07-01 (PCT/US97/11198)

[87] 1998-01-08 (WO98/00032)

[30] US (60/020,562) 1996-07-02

[30] US (60/044,595) 1997-04-22

PCT Applications Entering the National Phase

[21] **2,259,319**
[13] A1
[51] Int.Cl. 6H1F1/153 6G8B13/24
[25] EN
[54] METALLIC GLASS ALLOYS FOR MECHANICALLY RESONANT MARKER SURVEILLANCE SYSTEMS
[54] ALLIAGES DE VERRE METALLIQUE POUR DISPOSITIFS DE SURVEILLANCE A MARQUEURS A RESONANCE MECANIQUE
[72] MARTIS, Ronald, US
[72] HASEGAWA, Ryusuke, US
[71] ALLIEDSIGNAL INC., US
[85] 1998-12-22
[86] 1997-06-26 (PCT/US97/11405)
[87] 1997-12-31 (WO97/50099)
[30] US (08/671,441) 1996-06-27

[21] **2,259,320**
[13] A1
[51] Int.Cl. 6B60K41/06
[25] EN
[54] AUTOMOTIVE ACCESSORY DRIVING SYSTEM PARTICULARLY FOR AIR-CONDITIONING UNITS
[54] DISPOSITIF D'ENTRAINEMENT POUR ACCESSOIRES D'AUTOMOBILES, EN PARTICULIER POUR CONDITIONNEURS D'AIR
[72] DANIELS, Johnny, IL
[71] DANIELS, Johnny, IL
[85] 1998-12-22
[86] 1997-06-18 (PCT/IL97/00198)
[87] 1997-12-31 (WO97/49938)
[30] IL (118707) 1996-06-23
[30] IL (120154) 1997-02-05

[21] **2,259,321**
[13] A1
[51] Int.Cl. 6B64D17/38 6F16B1/00 6F16G11/00 6B64D17/32
[25] EN
[54] LOAD SECURING AND RELEASING SYSTEM
[54] SYSTEME POUR ATTACHER ET DETACHER UNE CHARGE
[72] SADECK, James E., US
[72] BILLONI, Donald., US
[72] VINCENS, Gary F., US
[71] THE UNITED STATES OF AMERICA, US
[85] 1998-12-22
[86] 1996-04-12 (PCT/US96/05124)
[87] 1997-07-17 (WO97/25245)
[30] US (08/585,066) 1996-01-11

[21] **2,259,322**
[13] A1
[51] Int.Cl. 6C22C21/00 6C22F1/05
[25] EN
[54] 6XXX SERIES ALUMINIUM ALLOY
[54] ALLIAGE D'ALUMINIUM DE LA SERIE 6XXX
[72] COUPER, Malcolm James, AU
[71] COMALCO ALUMINIUM LIMITED, AU
[85] 1998-12-23
[86] 1997-07-04 (PCT/AU97/00424)
[87] 1998-01-15 (WO98/01591)
[30] AU (PO 0847) 1996-07-04

[21] **2,259,323**
[13] A1
[51] Int.Cl. 6A61G7/065
[25] EN
[54] IMPROVEMENTS RELATING TO ATTITUDE SUPPORT SYSTEMS
[54] AMELIORATIONS RELATIVES A DES SYSTEMES
[72] GOLDSMITH, John, GB
[72] GOLDSMITH, Elizabeth, GB
[72] RUIZ, Robert, GB
[71] THE HELPING HAND COMPANY (LEDBURY) LIMITED, GB
[85] 1998-12-23
[86] 1997-06-26 (PCT/GB97/01756)
[87] 1997-12-31 (WO97/49367)
[30] GB (9613366.5) 1996-06-26

[21] **2,259,324**
[13] A1
[51] Int.Cl. 6C12C1/00 6C12S3/00 6A23K1/14 6A23L1/185 6D21H17/21 6A21D2/38
[25] EN
[54] PROCESS FOR THE PREPARATION OF MALTED CEREALS
[54] PROCEDE DE PREPARATION DE CEREALES MALTEES
[72] DELCOUR, Jan, BE
[72] ISERENTANT, Dirk, BE
[72] COPPENS, Theo, BE
[71] CARGILL FRANCE N.V. d/b/a CARGILL MALT DIVISION N.V., BE
[85] 1998-12-23
[86] 1997-07-23 (PCT/BE97/00086)
[87] 1998-01-29 (WO98/03627)
[30] WO (PCT/BE96/00077) 1996-07-23

[21] **2,259,325**
[13] A1
[51] Int.Cl. 6C22B7/00 6C22B1/02 6C22B3/02 6C21B11/00
[25] EN
[54] PROCESS AND APPARATUS FOR PRODUCTION OF USEFUL IRON PRODUCT FROM INDUSTRIAL WASTE STREAMS
[54] RECUPERATION DE PRODUITS FERREUX UTILES A PARTIR DE JETS DE DECHETS INDUSTRIELS
[72] MYERSON, Allan S., US
[72] ROBINSON, Peter, CA
[72] BURROWS, Charles A., US
[72] DIBELLA, Paul R., US
[72] SANZENBACHER, Charles, US
[71] METALS RECYCLING TECHNOLOGIES CORP., US
[85] 1998-12-23
[86] 1997-06-26 (PCT/US97/11335)
[87] 1997-12-31 (WO97/49835)
[30] US (08/670,454) 1996-06-26
[30] US (08/687,650) 1996-07-26

[21] **2,259,326**
[13] A1
[51] Int.Cl. 6D6M15/11 6D6M13/46
[25] EN
[54] LIQUID LAUNDRY STARCH CONCENTRATE
[54] CONCENTRE D'AMIDON DE LESSIVE LIQUIDE
[72] WILSBERG, Heinz-Manfred, DE
[71] HENKEL-ECOLAB GMBH & CO. OHG, DE
[85] 1998-12-22
[86] 1997-06-20 (PCT/EP97/03221)
[87] 1998-01-08 (WO98/00599)
[30] DE (196 25 828.6) 1996-06-28

[21] **2,259,328**
[13] A1
[51] Int.Cl. 6G6K19/07 6A63F9/22 6G6F19/00
[25] EN
[54] MEMORY CARD DEVICE, VIDEO GATE DEVICE AND PROGRAM PROVIDING MEDIUM
[54] DISPOSITIF A CARTE A MEMOIRE, DISPOSITIF A PORTE VIDEO ET SUPPORT DE FOURNITURE DE PROGRAMMES
[72] SUGIMURA, Akihiro, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 1998-12-22
[86] 1998-04-24 (PCT/JP98/01917)
[87] 1998-10-29 (WO98/48377)
[30] JP (9/107943) 1997-04-24

Demandes PCT entrant en phase nationale

[21] **2,259,329**
[13] A1

[51] **Int.Cl. 6H4Q7/22 6H4B7/212**
[25] EN
[54] **TDMA MESSAGING SERVICE MICROCELL**
[54] **MICROCELLULE POUR SERVICE DE MESSAGERIE AMRT**
[72] AMIN, Umesh J., US
[72] BUHRMANN, Michael, US
[71] AT&T WIRELESS SERVICES, INC., US
[85] 1998-12-22
[86] 1997-06-02 (PCT/US97/09034)
[87] 1998-01-08 (WO98/00940)
[30] US (08/672,769) 1996-06-28

[21] **2,259,331**
[13] A1

[51] **Int.Cl. 6H4B7/185 6H4B15/00**
[25] EN
[54] **COMMUNICATIONS BLOCKAGE ENVIRONMENT RESPONSE METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE REPONSE A UN ENVIRONNEMENT DE BLOCAGE DES COMMUNICATIONS**
[72] AGUIRRE, Sergio, US
[72] ASTROM, Richard Lawrence, US
[72] IBANEZ-MEIER, Rodrigo, US
[72] TURCOTTE, Randy Lee, US
[71] MOTOROLA, INC., US
[85] 1998-12-22
[86] 1998-04-08 (PCT/US98/07180)
[87] 1998-11-05 (WO98/49789)
[30] US (08/845,487) 1997-04-25

[21] **2,259,332**
[13] A1

[51] **Int.Cl. 6C23C22/37**
[25] EN
[54] **COMPOSITION AND PROCESS FOR TREATING METAL**
[54] **COMPOSITION ET PROCEDE DE TRAITEMENT DES METAUX**
[72] DOLAN, Shawn E., US
[71] HENKEL CORPORATION, US
[85] 1998-12-22
[86] 1997-06-27 (PCT/US97/10805)
[87] 1998-01-08 (WO98/00578)
[30] US (08/674,558) 1996-07-02

[21] **2,259,333**
[13] A1

[51] **Int.Cl. 6A61N2/00 6A61N1/40**
[25] EN
[54] **PHARMACEUTICAL ADMINISTRATION FORM**
[54] **FORME D'ADMINISTRATION PHARMACEUTIQUE**
[72] MÜLLER, Dieter, DE
[71] MÜLLER, Dieter, DE
[85] 1998-12-22
[86] 1996-06-29 (PCT/EP96/02849)
[87] 1998-01-08 (WO98/00198)

[21] **2,259,334**
[13] A1

[51] **Int.Cl. 6G1T1/167 6G1T1/29 6G1N33/60 6G3B42/02**
[25] EN
[54] **ENHANCED AUTORADIOGRAPHY**
[54] **AUTORADIOGRAPHIE AME-LIOREE**
[72] FOX, Francis Joseph, GB
[71] FOX, Francis Joseph, GB
[85] 1998-12-23
[86] 1997-06-24 (PCT/GB97/01707)
[87] 1997-12-31 (WO97/50006)
[30] GB (9613196.6) 1996-06-24

[21] **2,259,335**
[13] A1

[51] **Int.Cl. 6A45C13/02 6A45C3/00**
[25] EN
[54] **MULTIPOCKETED CASE**
[54] **MALLETTE A POCHETTES MULTIPLES**
[72] ROEGNER, DeAnna, US
[71] ROEGNER, DeAnna, US
[85] 1998-12-23
[86] 1996-06-26 (PCT/US96/10931)
[87] 1997-12-31 (WO97/49311)

[21] **2,259,336**
[13] A1

[51] **Int.Cl. 6E4F21/22**
[25] EN
[54] **FLOORING DEVICE**
[54] **DISPOSITIF DE POSE**
[72] PHILIPP, Karl, DE
[72] KLÖPFER, Gerhard, DE
[72] MADER, Stefan, DE
[71] BESSEY & SOHN GMBH & CO., DE
[85] 1998-12-22
[86] 1998-04-22 (PCT/EP98/02375)
[87] 1998-10-29 (WO98/48130)
[30] DE (197 16 978.3) 1997-04-23

[21] **2,259,337**
[13] A1

[51] **Int.Cl. 6C12N15/12 6G1N33/554 6C7K14/705**
[25] EN
[54] **GROWTH ARREST GENE COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS GENIQUES D'ARRET DE CROISSANCE ET PROCEDES CORRESPONDANTS**
[72] ENGLEMAN, Edgar G., US
[72] RUEGG, Curtis L., US
[72] LAUS, Reiner, US
[71] DENDREON CORPORATION, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 1998-12-22
[86] 1997-06-27 (PCT/US97/11341)
[87] 1998-01-08 (WO98/00544)
[30] US (60/021,874) 1996-06-28

[21] **2,259,338**
[13] A1

[51] **Int.Cl. 6H4L12/42**
[25] EN
[54] **RING-ORDERED DYNAMICALLY RECONFIGURABLE NETWORK**
[54] **RESEAU ORDONNE EN ANNEAU RECONFIGURABLE DYNAMIQUE-MENT**
[72] SCHINDLER, Jeffrey, US
[72] GILBERT, Timothy G., US
[72] FEKETE, Istvan, US
[71] GATEWAY 2000, INC., US
[85] 1998-12-22
[86] 1997-06-26 (PCT/US97/11333)
[87] 1997-12-31 (WO97/50212)
[30] US (08/670,609) 1996-06-26

[21] **2,259,340**
[13] A1

[51] **Int.Cl. 6B24D3/18 6B24D18/00**
[25] EN
[54] **METHOD FOR MAKING HIGH PERMEABILITY GRINDING WHEELS**
[54] **PROCEDE DE FABRICATION DE ROUES DE MEULAGE A FORTE PERMEABILITE**
[72] WU, Mianxue, US
[71] NORTON COMPANY, US
[85] 1998-12-22
[86] 1997-05-19 (PCT/US97/08304)
[87] 1998-02-05 (WO98/04385)
[30] US (08/687,816) 1996-07-26

PCT Applications Entering the National Phase

[21] 2,259,341

[13] A1

[51] Int.Cl. 6H4M3/46 6H4Q7/22 6H4Q7/24

[25] EN

[54] IMPROVEMENTS IN OR RELATING TO CALL HANDLING

[54] AMELIORATIONS DE L'ACHEMINEMENT D'APPELS OU LE CONCERNANT

[72] UKENO, Richard, US

[72] TERHUNE, Daniel Scott, US

[72] JACKSON, Allen Lee, US

[72] HOCHMAN, David Charles, US

[72] SIKAND, Parminder Singh, US

[72] PETERSEN, Charles Louis, US

[71] HARRIS CORPORATION, US

[85] 1998-12-24

[86] 1997-06-30 (PCT/US97/11509)

[87] 1998-01-08 (WO98/00959)

[21] 2,259,342

[13] A1

[51] Int.Cl. 6E1H1/00 6E1H1/10

[25] EN

[54] A CLEANING METHOD AND APPARATUS

[54] PROCEDE ET APPAREIL DE NETTOYAGE

[72] TYLER, Jean, IE

[72] KEOGH, Derek Thomas, IE

[72] TYLER, Richard Arthur, IE

[71] GUMBUSTER INTERNATIONAL LIMITED, IE

[85] 1998-12-22

[86] 1997-07-01 (PCT/IE97/00045)

[87] 1998-01-08 (WO98/00608)

[30] IE (S960482) 1996-07-01

[21] 2,259,343

[13] A1

[51] Int.Cl. 6C1B25/168 6A61K51/00

[25] EN

[54] NOVEL RADIOPHARMACEUTICAL COMPOSITIONS AND MATRICES AND USES THEREOF

[54] COMPOSITIONS ET SUPPORTS RADIOPHARMACEUTIQUES DE TYPE NOUVEAU ET LEURS UTILISATIONS

[72] UGHETTI, Ricardo Julio, AR

[72] NICOLINI, Jorge Osvaldo, AR

[71] THE DUPONT MERCK PHARMACEUTICAL COMPANY, US

[85] 1998-12-23

[86] 1997-06-17 (PCT/US97/10585)

[87] 1997-12-31 (WO97/49335)

[30] US (08/669,169) 1996-06-24

[30] US (08/869,460) 1997-06-05

[21] 2,259,347

[13] A1

[51] Int.Cl. 6H4Q7/36 6H4Q7/34 6H4Q7/38

[25] EN

[54] IMPROVEMENTS TO OR RELATING TO A MULTIPLE USE WIRELESS COMMUNICATIONS SYSTEM AND METHOD HAVING DYNAMIC REAL-LOCATION OF COMMUNICATION FREQUENCIES

[54] PERFECTIONNEMENTS D'UN SYSTEME POLYVALENT DE TELECOMMUNICATIONS HERTZIENNES ET PROCEDE DE REAFFECTATION DYNAMIQUE DES FREQUENCES

[72] NEUENDORFF, Keith, US

[72] JACKSON, Allen, US

[72] HADAR, Rami, US

[72] BACHINSKI, Shmuel, US

[72] KLEIN, Jay, US

[72] TERHUNE, Daniel, US

[72] SIKAND, Parminder, US

[72] ARDITI, Shmuel, US

[72] HOCHMAN, David, US

[72] MESHU, David, US

[71] HARRIS CORPORATION, US

[85] 1998-12-24

[86] 1997-06-30 (PCT/US97/11326)

[87] 1998-01-08 (WO98/00997)

[21] 2,259,351

[13] A1

[51] Int.Cl. 6H4B7/005 6H4B7/216 6H4Q7/22

[25] EN

[54] A METHOD OF CONTROLLING INITIAL POWER RAMP-UP IN CDMA SYSTEMS BY USING SHORT CODES

[54] UTILISATION DE CODES COURTS POUR LINEARISER LA MONTEE EN PUISSANCE INITIALE DES SYSTEMES AMDC

[72] HAIM, John W., US

[72] LOMP, Gary R., US

[72] OZLUTURK, Fatih M., US

[71] INTERDIGITAL TECHNOLOGY CORPORATION, US

[85] 1998-12-24

[86] 1997-06-23 (PCT/US97/10754)

[87] 1997-12-31 (WO97/50194)

[30] US (08/670,162) 1996-06-27

[30] US (08/671,068) 1996-06-27

[21] 2,259,352

[13] A1

[51] Int.Cl. 6H1J49/04

[25] EN

[54] ION SOURCE FOR A MASS ANALYSER AND METHOD OF PROVIDING A SOURCE OF IONS FOR ANALYSIS

[54] SOURCE D'IONS POUR ANALYSEUR ET PROCEDE PERMETTANT D'OBTENIR UNE SOURCE D'IONS DESTINEE A ETRE ANALYSEE

[72] BAJIC, Stevan, GB

[71] MASSLAB LIMITED, GB

[85] 1998-12-24

[86] 1998-04-28 (PCT/GB98/01232)

[87] 1998-11-05 (WO98/49710)

[30] GB (9708715.9) 1997-04-29

[21] 2,259,354

[13] A1

[51] Int.Cl. 6A63F9/22 6A63F9/24 6A63F3/06

[25] EN

[54] IMPROVED ELECTRONIC GAMING APPARATUS

[54] JEU ELECTRONIQUE PERFECTIONNEE

[72] JENKINS, Harry H., US

[72] ALCORN, Allan E., US

[71] SILICON GAMING, INC., US

[85] 1998-12-24

[86] 1997-06-27 (PCT/US97/12765)

[87] 1998-01-08 (WO98/00207)

[30] US (08/672,775) 1996-06-28

[30] US (08/692,454) 1996-08-05

[30] US (08/864,700) 1997-05-28

[21] 2,259,357

[13] A1

[51] Int.Cl. 6B21J15/02 6F16B5/04 6B21J15/10

[25] EN

[54] SELF-PIERCING RIVETING

[54] RIVETAGE AVEC PERCAGE SIMULTANE

[72] DENHAM, Keith, GB

[71] TEXTRON FASTENING SYSTEMS LIMITED, GB

[85] 1998-12-24

[86] 1997-07-02 (PCT/GB97/01774)

[87] 1998-01-15 (WO98/01679)

[30] GB (9614001.7) 1996-07-04

Demandes PCT entrant en phase nationale

[21] **2,259,359**
[13] A1

[51] **Int.Cl. 6D5B1/20 6A41D27/24**
[25] EN
[54] **AN ARTICLE SUCH AS A STOCKING OR PAIR OF TIGHTS (PANTY-HOSE) MADE FROM SHEER KNIT FABRIC, WITH THIN, FLAT SEAMS**
[54] **ARTICLES DU TYPE BAS OU COLANTS (PANTY) REALISES A PARTIR D'UN TISSU MAILLE EXTRA-FIN COMPORTANT DE MINCES COU- TURES PLATES**
[72] MARCHETTI, Luigi, IT
[71] GOLDEN LADY S.P.A., IT
[85] 1998-12-24
[86] 1997-04-09 (PCT/IT97/00075)
[87] 1998-01-08 (WO98/00595)
[30] IT (F196A000158) 1996-06-28
[30] IT (F196U000141) 1996-11-27

[21] **2,259,361**
[13] A1

[51] **Int.Cl. 6B65G69/00 6B60T3/00 6B65G67/02 6B60T1/14**
[25] EN
[54] **WHEEL CHOCKING DEVICE AND METHOD FOR USING THE SAME**
[54] **DISPOSITIF DE CALAGE DE ROUE ET PROCEDE D'UTILISATION**
[72] SHERARD, Jack L., US
[72] HODGES, Charles H., US
[72] PALUS, Thomas J., US
[72] HAGEMAN, Martin P., US
[71] KELLEY COMPANY, INC., US
[85] 1998-12-24
[86] 1997-06-25 (PCT/US97/11081)
[87] 1997-12-31 (WO97/49626)
[30] US (60/020,686) 1996-06-27

[21] **2,259,362**
[13] A1

[51] **Int.Cl. 6G6F9/44 6G6F17/60 6G6T1/00**
[25] EN
[54] **EXECUTING COMPUTATIONS EXPRESSED AS GRAPHS**
[54] **EXECUTION DE CALCULS EXPRIMES SOUS FORME DE GRAPHS**
[72] LASSER, Clifford A., US
[72] LORDI, Robert D., US
[72] STANFILL, Craig W., US
[71] AB INITIO SOFTWARE CORPORATION, US
[85] 1998-12-29
[86] 1997-07-01 (PCT/US97/11630)
[87] 1998-01-08 (WO98/00791)
[30] US (08/678,411) 1996-07-02

[21] **2,259,363**
[13] A1

[51] **Int.Cl. 6B29C47/02 6B29C55/10 6G2B6/02 6C9K19/38 6G2B6/44 6C9K19/52**
[25] EN
[54] **MEMBERS HAVING A MULTIAXIALLY ORIENTED COATING OF THERMOTROPIC LIQUID CRYSTALLINE POLYMER AND METHODS AND APPARATUS FOR PRODUCING SUCH MEMBERS**
[54] **ELEMENTS MUNIS D'UN REVETEMENT A ORIENTATION MULTIAXIALE CONSTITUE DE POLYMERES A CRISTAUX LIQUIDES THERMOTROPIQUES ET PROCEDES ET APPAREILS DE FABRICATION DE CES ELEMENTS**
[72] RUBIN, Leslie S., US
[72] LUSIGNEA, Richard W., US
[71] FOSTER-MILLER, INC., US
[85] 1998-12-24
[86] 1997-01-24 (PCT/US97/01205)
[87] 1997-07-31 (WO97/27038)
[30] US (08/590,565) 1996-01-26

[21] **2,259,364**
[13] A1

[51] **Int.Cl. 6C8L75/06 6C9D151/08 6C9J151/08 6C8L51/08 6C8F283/00 6C9D175/06 6C9J175/06**
[25] EN
[54] **WATER-BASED SULFONATED POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES SULFONEES A BASE D'EAU**
[72] WEI, Yi, US
[72] DUAN, Youlu, US
[72] ZHU, Yuduo, US
[71] H.B. FULLER LICENSING & FINANCING, INC., US
[85] 1998-12-29
[86] 1997-08-13 (PCT/US97/14386)
[87] 1998-02-19 (WO98/06768)
[30] US (08/689,752) 1996-08-13
[30] US (08/909,578) 1997-08-12

[21] **2,259,365**
[13] A1

[51] **Int.Cl. 6H1J61/78 6H1J61/80 6H1J61/067 6H1J61/36**
[25] EN
[54] **FLUORESCENT LAMP**
[54] **LAMPE FLUORESCENTE**
[72] VOLKKOMMER, Frank, DE
[72] JEREBIC, Simon, DE
[72] HITZSCHKE, Lothar, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[85] 1998-12-29
[86] 1998-04-16 (PCT/DE98/01061)
[87] 1998-11-05 (WO98/49712)
[30] DE (197 18 395.6) 1997-04-30

[21] **2,259,369**
[13] A1

[51] **Int.Cl. 6G10H7/00 6G6F17/30 6G10H1/36 6G11B23/00 6G10H1/38**
[25] EN
[54] **AUTOMATIC IMPROVISATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE AUTOMATIQUES D'IMPROVISATIONS**
[72] GANNON, Peter, CA
[71] PG MUSIC INC., CA
[85] 1998-12-29
[86] 1997-07-11 (PCT/CA97/00503)
[87] 1998-01-22 (WO98/02867)
[30] US (08/678,089) 1996-07-11

[21] **2,259,370**
[13] A1

[51] **Int.Cl. 6A61F13/02 6A61F15/00**
[25] EN
[54] **MEDICAL ADHESIVE COMPOSITE AND PACKAGE**
[54] **ELEMENT COMPOSITE ADHESIF A USAGE MEDICAL ET CONDITIONNEMENT**
[72] RIEDEL, John E., US
[72] DUNSHEE, Wayne K., US
[72] PETERSON, Donald G., US
[72] NIVEN, Clarence A., Jr., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1998-12-29
[86] 1997-07-02 (PCT/US97/11402)
[87] 1998-01-08 (WO98/00080)
[30] US (08/677,426) 1996-07-02

PCT Applications Entering the National Phase

[21] **2,259,372**
[13] A1
[51] Int.Cl. 6G1F1/66 6G1F25/00 6G1K11/22 6A61M1/36
[25] EN
[54] METHOD AND APPARATUS FOR FLOW MEASUREMENT WITH TEMPERATURE AND DENSITY COMPENSATION
[54] PROCEDE ET DISPOSITIF DE-BIMETRIQUE A CORRECTION EN FONCTION DE LA TEMPERATURE ET DE LA DENSITE
[72] PUCKETT, Jeffrey F., US
[72] EIDENS, Richard S., US
[72] ZSCHEILE, John, US
[71] ROCKY MOUNTAIN RESEARCH, INC., US
[85] 1998-12-29
[86] 1997-06-27 (PCT/US97/11354)
[87] 1998-01-08 (WO98/00685)
[30] US (60/020,867) 1996-06-28

[21] **2,259,373**
[13] A1
[51] Int.Cl. 6B60R21/16
[25] EN
[54] AIRBAG WITH NON-CIRCULAR VENT HOLE
[54] SAC GONFLABLE DE SECURITE AVEC EVENT NON CIRCULAIRE
[72] GWINN, Kenneth W., US
[72] NELSEN, James M., US
[71] SANDIA CORPORATION, US
[71] PRECISION FABRICS GROUP, INC., US
[85] 1998-12-24
[86] 1997-06-25 (PCT/US97/10492)
[87] 1998-01-08 (WO98/00313)
[30] US (60/020,851) 1996-06-28
[30] US (60/021,500) 1996-07-10

[21] **2,259,374**
[13] A1
[51] Int.Cl. 6G10L9/08 6G10L9/14 6G10L7/06
[25] EN
[54] SPEECH SYNTHESIS SYSTEM
[54] SYSTEME DE SYNTHESE VOCALE
[72] XYDEAS, Costas, GB
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB
[85] 1998-12-29
[86] 1997-07-07 (PCT/GB97/01831)
[87] 1998-01-15 (WO98/01848)
[30] GB (9614209.6) 1996-07-05
[30] US (021,815) 1996-07-16

[21] **2,259,375**
[13] A1
[51] Int.Cl. 6A23K1/10
[25] EN
[54] LAYERED CANNED PET FOOD
[54] PRODUIT ALIMENTAIRE MULTICOUCHE EN BOITE POUR ANIMAUX DE COMPAGNIE
[72] MAY, Stephen, US
[72] DINGMAN, Steven E., US
[72] RAYNER, Luz, US
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH
[85] 1999-01-05
[86] 1997-07-17 (PCT/EP97/03884)
[87] 1998-02-12 (WO98/05219)
[30] US (60/023,475) 1996-08-06
[30] US (60/036,733) 1997-01-24

[21] **2,259,376**
[13] A1
[51] Int.Cl. 6A1M7/00 6A1M21/04 6E1H11/00
[25] EN
[54] HAND HELD MOTOR DRIVEN APPLICATORS
[54] APPLICATEURS MANUELS A MO-TEUR
[72] STEVENS, Alec Martin, AU
[71] WEEDBUG PTY. LTD., AU
[85] 1998-12-23
[86] 1998-04-21 (PCT/AU98/00279)
[87] 1998-10-29 (WO98/47355)
[30] AU (PO 6356) 1997-04-22
[30] AU (PP 0737) 1997-12-04

[21] **2,259,377**
[13] A1
[51] Int.Cl. 6C1B31/30 6C7F15/00 6C1G23/00 6C1G55/00 6C7D295/023 6C7C35/08 6C7C5/10 6C7C35/12 6C7C31/125 6C7C29/145 6C7C13/18 6B1J27/22
[25] EN
[54] METHOD FOR MANUFACTURING TRANSITION-METAL CARBIDES, AND THEIR USE AS CATALYSTS
[54] PROCEDE POUR LA PRODUCTION DE CARBURES DE METAL DE TRANSITION ET LEUR UTILISATION COMME CATALYSEURS
[72] SCHWICKARDI, Manfred, DE
[72] BOGDANOVIC, Borislav, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 1998-12-23
[86] 1997-07-03 (PCT/EP97/03515)
[87] 1998-01-22 (WO98/02383)
[30] DE (196 28 160.1) 1996-07-12

[21] **2,259,378**
[13] A1
[51] Int.Cl. 6G1D3/032 6G1L27/00
[25] EN
[54] CALIBRATION OF A SENSOR WITH TEMPERATURE VARIATIONS
[54] PROCEDE ET DISPOSITIF DE RE-PRISE HAUTE PRECISION DU ZERO ET DE L'ECHELLE D'UNE SONDE EN FONCTION DES VARIATIONS DE TEMPERATURE
[72] CRISPIE, Finbarr J., US
[72] YUNUS, Mohammad, US
[71] INTEGRATED SENSOR SOLUTIONS, US
[85] 1998-12-23
[86] 1997-07-01 (PCT/US97/11315)
[87] 1998-01-22 (WO98/02721)
[30] US (08/674,028) 1996-07-01

[21] **2,259,379**
[13] A1
[51] Int.Cl. 6A61N1/37
[25] EN
[54] METHOD AND APPARATUS FOR DETECTING AMPLITUDE LOSS IN CARDIAC PACING PULSES
[54] PROCEDE ET APPAREIL POUR DETECTER DES PERTES D'AMPLITUDE DANS DES IMPULSIONS DE STIMULATION CARDIAQUE
[72] PAUL, Patrick J., US
[72] PRUTCHI, David, US
[71] SULZER INTERMEDICS INC., US
[85] 1998-12-23
[86] 1997-09-16 (PCT/US97/16383)
[87] 1998-03-19 (WO98/10834)
[30] US (08/700585) 1996-09-16

[21] **2,259,380**
[13] A1
[51] Int.Cl. 6C8F8/28 6C4B35/634 6C9D11/02 6C9D5/08 6C8F8/12
[25] EN
[54] MODIFIED POLYVINYLACETALS WITH LOW SOLUTION VISCOSITY
[54] POLYVINYLACETALS MODIFIES DE FAIBLE VISCOSITE EN SOLUTION
[72] TSCHIRNER, Peter, DE
[72] HUBER, Otto-Sebastian, DE
[72] HEILING, Peter, DE
[72] BRAUNSPERGER, Guenter, DE
[72] HAEFNER, Klaus, DE
[72] FRIEDL, Georg, DE
[71] WACKER-CHEMIE GMBH, DE
[85] 1998-12-23
[86] 1997-10-02 (PCT/EP97/05423)
[87] 1998-04-16 (WO98/15582)
[30] DE (196 41 064.9) 1996-10-04

Demandes PCT entrant en phase nationale

[21] **2,259,381**
[13] A1

[51] Int.Cl. 6C2F3/10
[25] EN
[54] LIQUID WASTE TREATMENT BIOREACTOR PROCESS AND APPARATUS
[54] PROCEDE ET DISPOSITIF A BIOREACTEUR POUR TRAITEMENT DE DECHETS LIQUIDES
[72] KANTARDJIEFF, Alexandra, CA
[71] KANTARDJIEFF, Alexandra, CA
[85] 1998-12-29
[86] 1998-05-04 (PCT/CA98/00462)
[87] 1998-11-12 (WO98/50311)
[30] CA (2.204,422) 1997-05-02

[21] **2,259,382**
[13] A1

[51] Int.Cl. 6C2F1/50 6C2F1/72
[25] EN
[54] METHODS FOR SANITIZING WATER
[54] PROCEDES DE PURIFICATION DE L'EAU
[72] BROWN, Geoffrey A., US
[72] STARKEY, Ron, US
[71] BIO-LAB, INC., US
[85] 1998-12-24
[86] 1997-06-25 (PCT/US97/11076)
[87] 1998-01-08 (WO98/00368)
[30] US (08/675,042) 1996-07-03

[21] **2,259,383**
[13] A1

[51] Int.Cl. 6F1D11/02 6F16J15/447
[25] EN
[54] HIGH DIFFERENTIAL PRESSURE END ROTOR SEAL
[54] JOINT DE ROTOR D'EXTREMITÉ A PRESSION DIFFERENTIELLE ELEVEE
[72] CHIKAMI, Rintaro, JP
[72] UEMATSU, Kazuo, JP
[72] HIROKAWA, Kazuharu, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 1998-12-29
[86] 1998-04-21 (PCT/JP98/01822)
[87] 1998-11-05 (WO98/49426)
[30] JP (9-112326) 1997-04-30
[30] JP (9-120736) 1997-05-12

[21] **2,259,385**
[13] A1

[51] Int.Cl. 6F21P5/04 6F21V9/08 6G2B27/18 6G9F13/04
[25] EN
[54] METHOD FOR MANUFACTURING A GOBO AND A GOBO PRODUCED BY THE METHOD
[54] PROCEDE DE FABRICATION D'UN CLICHE ET CLICHE OBTENU
[72] EDSTRÖM, Curt, SE
[72] TANNEMYR, Michael, SE
[71] EDSTRÖM, Curt, SE
[71] TANNEMYR, Michael, SE
[85] 1998-12-29
[86] 1997-06-11 (PCT/SE97/01020)
[87] 1998-01-08 (WO98/00670)
[30] SE (9602606-7) 1996-07-01

[21] **2,259,386**
[13] A1

[51] Int.Cl. 6C1B3/48
[25] EN
[54] MODIFICATION APPARATUS
[54] APPAREIL DE MODIFICATION
[72] SHINAGAWA, Mikio, JP
[72] KUDO, Hitoshi, JP
[72] YAMAGA, Noriyuki, JP
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP
[85] 1998-12-29
[86] 1997-06-30 (PCT/JP97/02265)
[87] 1998-01-08 (WO98/00361)
[30] JP (8/170483) 1996-06-28

[21] **2,259,387**
[13] A1

[51] Int.Cl. 6B32B5/18 6E4C3/28 6B29D9/00 6B32B15/04
[25] EN
[54] REINFORCED CHANNEL-SHAPED STRUCTURAL MEMBER
[54] ELEMENT DE STRUCTURAL RENFORCE, EN FORME DE CANAL
[72] WYCECH, Joseph S., US
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 1998-12-29
[86] 1997-06-25 (PCT/US97/10693)
[87] 1998-01-22 (WO98/02689)
[30] US (08/675,173) 1996-07-03

[21] **2,259,388**
[13] A1

[51] Int.Cl. 6B32B27/04 6C9K11/06 6B32B23/14 6C9K11/02 6B32B27/18
[25] EN
[54] DECORATIVE LAMINATE INCORPORATING PHOTOLUMINESCENT MATERIAL
[54] STRATIFIE DECORATIF A MATERIAU PHOTOLUMINESCENT
[72] DUMOND, Robert A., US
[72] NELSON, Daniel C., US
[71] PIONEER PLASTICS CORPORATION, US
[85] 1998-12-24
[86] 1997-06-25 (PCT/US97/11046)
[87] 1998-01-08 (WO98/00289)
[30] US (60/020,751) 1996-06-28
[30] US (872,862) 1997-06-11

[21] **2,259,389**
[13] A1

[51] Int.Cl. 6A61K48/00 6A61K49/00 6C12N5/06 6C12N5/08 6A61K38/17 6A61K39/395 6A61K38/48 6G1N33/68 6C12Q1/68 6A61K31/70 6C12N15/85
[25] EN
[54] COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF TELOMERES
[54] COMPOSITION ET PROCEDES PERMETTANT DE MODULER LA LONGUEUR DE TELOMERES
[72] CHABOT, Benoit, CA
[71] UNIVERSITE DE SHERBROOKE, CA
[85] 1998-12-29
[86] 1997-06-30 (PCT/CA97/00471)
[87] 1998-01-08 (WO98/00537)
[30] US (60/020,956) 1996-07-01

[21] **2,259,390**
[13] A1

[51] Int.Cl. 6C7K14/78 6C12P21/06 6C12S3/16
[25] EN
[54] IMPROVED METHOD FOR THE PRODUCTION OF SOLUBLE COLLAGEN
[54] PROCEDE AMELIORE DE PRODUCTION DE COLLAGENE SOLUBLE
[72] VIRNELSON, Kevin M., US
[72] FINK, David J., US
[71] RANPAK CORP., US
[85] 1998-12-24
[86] 1997-06-05 (PCT/US97/09657)
[87] 1997-12-31 (WO97/49719)
[30] US (08/670,338) 1996-06-25

PCT Applications Entering the National Phase

[21] **2,259,391**
[13] A1
[51] Int.Cl. 6F16H7/06 6F16H55/30
[25] EN
[54] **RANDOM ENGAGEMENT ROLLER CHAIN SPROCKET HAVING IMPROVED NOISE CHARACTERISTICS**
[54] **ROUE DENTEE POUR CHAINES A ROULEAUX A ENGAGEMENT ALEATOIRE AYANT UNE CARACTERISTIQUE BRUIT AMELIOREE**
[72] YOUNG, James D., US
[71] CLOYES GEAR AND PRODUCTS, INC., US
[85] 1999-01-04
[86] 1997-07-25 (PCT/US97/13076)
[87] 1998-02-05 (WO98/04848)
[30] US (60/022,321) 1996-07-25
[30] US (60/032,379) 1996-12-19
[30] US (08/900,661) 1997-07-25

[21] **2,259,392**
[13] A1
[51] Int.Cl. 6B60R21/16
[25] EN
[54] **PRESSURE SENSITIVE AIRBAG VENT MECHANISM**
[54] **MECANISME D'EVACUATION SENSIBLE A LA PRESSION POUR AIR-BAG**
[72] SMITH, Stuart James, GB
[72] CUNDILL, David James, GB
[71] BREED AUTOMOTIVE TECHNOLOGY, INC., US
[85] 1998-12-31
[86] 1997-04-22 (PCT/US97/06465)
[87] 1998-01-15 (WO98/01323)
[30] US (678,530) 1996-07-09

[21] **2,259,393**
[13] A1
[51] Int.Cl. 6C9K21/02
[25] EN
[54] **FIREPROOF COATING FOR CELLULOSIC MATERIALS**
[54] **REVETEMENT IGNIFUGE POUR MATIERES CELLULOSIQUES**
[72] HELMSTETTER, Jack G., US
[71] LOC SYSTEMS, LTD. (L.P.), US
[85] 1998-12-29
[86] 1997-06-16 (PCT/US97/09810)
[87] 1998-01-08 (WO98/00476)
[30] US (673,036) 1996-07-01

[21] **2,259,394**
[13] A1
[51] Int.Cl. 6F16F9/02 6F16F9/56
[25] EN
[54] **DEVICE FOR TRIGGERING A GAS SPRING**
[54] **DISPOSITIF POUR DECLENCHER UN RESSORT A GAZ**
[72] WANDSCHNEIDER, Guido, DE
[71] WANDSCHNEIDER, Ingeborg, DE
[85] 1998-12-23
[86] 1997-06-24 (PCT/DE97/01305)
[87] 1998-01-15 (WO98/01683)
[30] DE (196 26 844.3) 1996-07-04

[21] **2,259,395**
[13] A1
[51] Int.Cl. 6C30B29/58 6C30B30/02 6C7K1/24
[25] EN
[54] **EQUIPMENT FOR CRYSTAL GROWTH AND CRYSTAL-GROWING METHOD USING THE SAME**
[54] **EQUIPEMENT DE CROISSANCE DE CRISTAUX ET PROCEDE POUR LA CROISSANCE DE CRISTAUX UTILISANT CET EQUIPEMENT**
[72] SANJOH, Akira, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[85] 1998-12-31
[86] 1997-07-08 (PCT/JP97/02359)
[87] 1998-01-22 (WO98/02601)
[30] JP (8-205411) 1996-07-15
[30] JP (8-253793) 1996-09-03
[30] JP (8-319279) 1996-11-29

[21] **2,259,396**
[13] A1
[51] Int.Cl. 6H1M8/06 6H1M8/04
[25] EN
[54] **FUEL-CELL POWER GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE AU MOYEN DE PILES A COMBUSTIBLE**
[72] HASHIMOTO, Noboru, JP
[72] KUDO, Hitoshi, JP
[72] YAMAGA, Noriyuki, JP
[72] KINUGAWA, Kensaku, JP
[72] NAKAMURA, Toru, JP
[72] TOKUNAGA, Yoshinori, JP
[72] SHINAGAWA, Mikio, JP
[72] ADACHI, Junji, JP
[72] MIZOBUCHI, Manabu, JP
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP
[85] 1998-12-23
[86] 1997-07-02 (PCT/JP97/02288)
[87] 1998-01-08 (WO98/00878)
[30] JP (8/172246) 1996-07-02
[30] JP (8/184353) 1996-07-15

[21] **2,259,397**
[13] A1
[51] Int.Cl. 6F16K13/00 6A61M25/00 6B43K5/18
[25] EN
[54] **VALVE ARRANGEMENT FOR CONTROLLING A FLOW OF FLUID BETWEEN TWO FLUID CHAMBERS AND WRITING IMPLEMENT PROVIDED THEREWITH**
[54] **CONFIGURATION DE CLAPETS POUR ASSURER LA COMMANDE DU DEBIT FLUIDIQUE ENTRE DEUX CHAMBRES FLUIDIQUES ET INSTRUMENT A ECRIRE MUNI D'UNE TELLE CONFIGURATION DE CLAPETS**
[72] WEISS, Oliver, DE
[71] WEISS, Oliver, DE
[85] 1998-12-31
[86] 1997-06-06 (PCT/EP97/02935)
[87] 1998-01-15 (WO98/01307)
[30] DE (196 26 755.2) 1996-07-03

Demandes PCT entrant en phase nationale

[21] **2,259,398**

[13] A1

[51] **Int.Cl. 6A61F13/15**

[25] EN

[54] **DISPOSABLE ABSORBENT ARTICLE HAVING EXPANDING AND SHRINKING ELEMENTS AND BEING CAPABLE OF SELF-SHAPING IN USE**
[54] **ARTICLE ABSORBANT JETABLE DOTE D'ELEMENTS DILATABLES ET RETRECISSEMENT CAPABLE DE S'AUTOFAÇONNER LORS DE L'UTILISATION**

[72] CARLUCCI, Giovanni, IT

[72] GIORGINI, Gennaro, IT

[72] TAMBURRO, Maurizio, IT

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 1998-12-31

[86] 1997-06-02 (PCT/US97/09266)

[87] 1998-01-08 (WO98/00082)

[30] EP (96110573.1) 1996-07-01

[21] **2,259,401**

[13] A1

[51] **Int.Cl. 6H4B7/26 6H4H1/00 6G8G1/09 6G8G1/0962**

[25] EN

[54] **ANNUNCIATOR SYSTEM WITH MOBILE RECEIVERS**

[54] **SYSTEME DE MESSAGES VARIABLES SUR RECEPTEURS MOBILES**

[72] HOCHSTEIN, Peter A., US

[71] HOCHSTEIN, Peter A., US

[85] 1999-01-04

[86] 1997-06-25 (PCT/US97/11009)

[87] 1998-01-15 (WO98/01968)

[30] US (08/676,055) 1996-07-05

[21] **2,259,402**

[13] A1

[51] **Int.Cl. 6C12P41/00 6C7D205/04 6C12P17/10 6C12Q1/44**

[25] EN

[54] **THE BIORESOLUTION OF N-ACYLAZETIDINE-2-CARBOXYLIC ACIDS**

[54] **BIORESOLUTION D'ACIDES N-ACYLAZETIDINE-2-CARBOXYLIQUES**

[72] TAYLOR, Stephen John Clifford, GB

[72] PARRATT, Julian Simon, GB

[71] ASTRA AKTIEBOLAG, SE

[85] 1999-01-04

[86] 1997-07-15 (PCT/GB97/01916)

[87] 1998-01-22 (WO98/02568)

[30] GB (9614856.4) 1996-07-15

[21] **2,259,404**

[13] A1

[51] **Int.Cl. 6B65B1/30**

[25] EN

[54] **METERING AND PACKAGING DEVICE FOR DRY POWDERS**

[54] **DISPOSITIF DE DOSAGE ET D'EMBALLAGE POUR POUDRES SECHES**

[72] ABRAMS, Andrew L., US

[72] GUMASTE, Anand V., US

[71] MICRODOSE TECHNOLOGIES, INC., US

[85] 1999-01-04

[86] 1997-06-23 (PCT/US97/10494)

[87] 1998-01-08 (WO98/00337)

[30] US (08/677,340) 1996-07-02

[21] **2,259,405**

[13] A1

[51] **Int.Cl. 6B65H29/02 6B65H5/08 6B65H29/58**

[25] EN

[54] **APPARATUS FOR BRINGING PRESSROOM PRODUCTS TO PROCESSING STATIONS**

[54] **DISPOSITIF POUR ACHEMINER DES PRODUITS D'IMPRIMERIE VERS DES POSTES DE TRAITEMENT**

[72] REIST, Walter, CH

[71] FERAG AG, CH

[85] 1999-01-04

[86] 1997-05-16 (PCT/CH97/00192)

[87] 1998-01-29 (WO98/03419)

[30] CH (1818/96) 1996-07-19

[21] **2,259,406**

[13] A1

[51] **Int.Cl. 6G1N27/30 6G1R1/30 6G1N27/07 6G1N33/551 6C12Q1/68**

[25] EN

[54] **MULTIPLEXED ACTIVE BIOLOGIC ARRAY**

[54] **MATRICE BIOLOGIQUE ACTIVE MULTIPLEXEE**

[72] KOVACS, Gregory T.A., US

[71] NANOGEN, INC., US

[85] 1999-01-04

[86] 1997-06-24 (PCT/US97/10997)

[87] 1998-01-15 (WO98/01758)

[30] US (08/677,305) 1996-07-09

[21] **2,259,408**

[13] A1

[51] **Int.Cl. 6D21F11/00**

[25] EN

[54] **METHOD OF MAKING WET PRESSED TISSUE PAPER WITH FELTS HAVING SELECTED PERMEABILITIES**

[54] **PROCEDE DE FABRICATION DE PAPIER DE SOIE PRESSE A L'ETAT HUMIDE AVEC DES FEUTRES PRESENTANT DES PERMEABILITES SELECTIONNEES**

[72] OSTENDORF, Ward William, US

[72] AMPULSKI, Robert Stanley, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 1998-12-23

[86] 1997-06-23 (PCT/US97/11053)

[87] 1998-01-08 (WO98/00605)

[30] US (08/672,293) 1996-06-28

[21] **2,259,409**

[13] A1

[51] **Int.Cl. 6C23C2/40 6C23C2/24**

[25] EN

[54] **DEVICE FOR HOT-DIP COATING METAL BAND**

[54] **DISPOSITIF POUR REVETIR DES BANDES DE METAL PAR IMMERSION EN BAIN CHAUD**

[72] FROMMANN, Klaus, DE

[72] FLIGGE, Aribert, DE

[72] OTTERSACH, Walter, DE

[71] MANNESMANN AKTIENGESellschaft, DE

[85] 1999-01-04

[86] 1997-07-01 (PCT/DE97/01412)

[87] 1998-01-15 (WO98/01595)

[30] DE (19628512.7) 1996-07-05

[21] **2,259,410**

[13] A1

[51] **Int.Cl. 6A23K1/10**

[25] EN

[54] **MULTI-LAYERED CANNED PET FOOD**

[54] **PRODUIT ALIMENTAIRE MULTICOUCHE EN BOITE POUR ANIMAUX DE COMPAGNIE**

[72] RAYNER, Luz, US

[72] DINGMAN, Steven E., US

[72] MAY, Stephen, US

[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH

[85] 1999-01-05

[86] 1997-07-17 (PCT/EP97/03883)

[87] 1998-02-12 (WO98/05218)

[30] US (60/022,445) 1996-08-06

[30] US (60/036,731) 1997-01-24

PCT Applications Entering the National Phase

[21] **2,259,411**
[13] A1
[51] **Int.Cl. 6G6T7/60 6G6T1/00**
[25] EN
[54] **VISUAL RECOGNITION METHOD**
[54] **PROCEDE VISUEL DE RECON-**
NAISSANCE
[72] BEATTY, David Andrew, CA
[71] SHELL OIL COMPANY, US
[85] 1998-12-31
[86] 1998-04-30 (PCT/US98/08761)
[87] 1998-11-12 (WO98/50878)
[30] US (60/045,640) 1997-05-05

[21] **2,259,412**
[13] A1
[51] **Int.Cl. 6B65D81/24 6B65D81/28**
[25] EN
[54] **PACKAGE FOR MAINTAINING A**
DISSOLVED GAS
[54] **CONTENANT POUR MAINTIEN**
D'UN GAZ DISSOUS
[72] KIMBALL, Victor E., US
[72] PORTER, Christopher H., US
[72] PIERSKALLA, Irvin T., US
[71] OPTICAL SENSORS INCORPO-
RATED, US
[85] 1998-12-23
[86] 1997-05-21 (PCT/US97/08795)
[87] 1998-01-15 (WO98/01365)
[30] US (08/676,945) 1996-07-08

[21] **2,259,413**
[13] A1
[51] **Int.Cl. 6C7K14/47 6G1N33/53**
6G1N33/543 6C7K7/06 6C7K7/08 6C7K16/
18
[25] EN
[54] **METHODS FOR DETERMINING**
THE PRESENCE OF BRAIN PROTEIN
S-100
[54] **METHODES POUR DETERMINER**
LA PRESENCE DE LA PROTEINE CE-
REBRALE S-100
[72] BRUNDELL, Jan, SE
[72] NYBERG, Lena, SE
[71] AB SANGTEC MEDICAL, SE
[85] 1998-12-23
[86] 1997-06-27 (PCT/SE97/01164)
[87] 1998-01-15 (WO98/01471)
[30] SE (9602677-8) 1996-07-05

[21] **2,259,414**
[13] A1
[51] **Int.Cl. 6F23D3/14 6F23D3/28**
[25] EN
[54] **MULTI-SWIRL COMBUSTOR**
PLATE
[54] **PLAQUE DE CHAMBRE DE COM-**
BUSTION A PLUSIEURS TROUS DE
TURBULENCE
[72] RYAN, William R., US
[71] WESTINGHOUSE ELECTRIC COR-
PORATION, US
[85] 1998-12-31
[86] 1997-05-27 (PCT/US97/08761)
[87] 1998-01-15 (WO98/01708)
[30] US (08/675,981) 1996-07-05

[21] **2,259,417**
[13] A1
[51] **Int.Cl. 6F16L23/16 6F16L55/00**
6G1M3/00
[25] EN
[54] **JOINTS**
[54] **RACCORDS**
[72] THOMPSON, David Francis, US
[71] CODELAST LIMITED, GB
[85] 1998-12-23
[86] 1997-07-02 (PCT/GB97/01778)
[87] 1998-01-15 (WO98/01696)
[30] GB (9613948.0) 1996-07-03
[30] GB (9617666.4) 1996-08-23

[21] **2,259,419**
[13] A1
[51] **Int.Cl. 6E4D13/03**
[25] EN
[54] **TUBULAR SKYLIGHT WITH IM-**
PROVED DOME
[54] **PRISE DE JOUR TUBULAIRE EN**
TOITURE, A DOME AMELIOREE
[72] SITZEMA, Ronald L., Jr., US
[72] KRAMER, Gwen H., US
[72] DE BLOCK, David A., US
[71] ODL, INCORPORATED, US
[85] 1999-01-05
[86] 1997-06-17 (PCT/US97/10522)
[87] 1998-02-19 (WO98/06914)
[30] US (08/694,558) 1996-08-09

[21] **2,259,422**
[13] A1
[51] **Int.Cl. 6C8F4/62 6C8F32/00 6C8F4/44**
6C8F4/52
[25] EN
[54] **METHOD FOR PRODUCING CY-**
CLOOLEFIN (CO)POLYMERS FOR
USE IN OPTICAL DATA MEMORIES
[54] **PROCEDE POUR FABRIQUER DES**
(CO)POLYMERES DE CYCLO-OLE-
FINES DESTINES A DES MEMOIRES
DE DONNEES OPTIQUES
[72] STUMPF, Andreas, DE
[72] OSTOJA STARZEWSKI, Karl-Heinz
Aleksander, DE
[72] KELLY, Warren Mark, CA
[72] SCHMID, Claudia, DE
[71] BAYER AKTIENGESSELLSCHAFT,
DE
[85] 1999-01-04
[86] 1997-07-02 (PCT/EP97/03459)
[87] 1998-01-15 (WO98/01483)
[30] DE (196 27 064.2) 1996-07-05
[30] DE (197 14 058.0) 1997-04-05

[21] **2,259,423**
[13] A1
[51] **Int.Cl. 6C22B19/34 6C22B1/00**
6C1G9/00 6C22B7/02
[25] EN
[54] **BENEFICIATION OF FURNACE**
DUST FOR THE RECOVERY OF CHEM-
ICAL AND METAL VALUES
[54] **PREPARATION DE POUSSIERS**
DE FOUR POUR LA RECUPERATION
DE VALEURS CHIMIQUES ET METAL-
LIQUES
[72] MYERSON, Allan S., US
[72] ROBINSON, Peter, CA
[71] METALS RECYCLING TECHNOLO-
GIES CORP., US
[85] 1998-12-23
[86] 1997-06-26 (PCT/US97/11404)
[87] 1997-12-31 (WO97/49637)
[30] US (08/672,103) 1996-06-27

[21] **2,259,424**
[13] A1
[51] **Int.Cl. 6B5B1/18 6B5B1/12**
[25] EN
[54] **SHOWER HEAD WITH SWITCH-**
ING OF SPRAY MODE
[54] **POMME DE DOUCHE A VARIA-**
TION D'ASPERSION
[72] KNAPP, Alfons, DE
[71] MASCO CORPORATION, US
[85] 1999-01-04
[86] 1998-05-04 (PCT/US98/09110)
[87] 1998-11-12 (WO98/50113)
[30] IT (TO97A000381) 1997-05-05

Demandes PCT entrant en phase nationale

[21] **2,259,426**
[13] A1

[51] Int.Cl. 6G3F7/16
[25] EN
[54] COMPOSITE RELIEF IMAGE PRINTING PLATES AND METHODS FOR PREPARING SAME
[54] PLAQUE D'IMPRESSION D'IMAGES COMPOSITES EN RELIEF ET PROCEDES DE PREPARATION CORRESPONDANTS
[72] CUSDIN, George, US
[72] CROWELL, Joseph, US
[71] POLYFIBRON TECHNOLOGIES, INC., US
[85] 1998-12-23
[86] 1997-02-06 (PCT/US97/01632)
[87] 1998-01-15 (WO98/01792)
[30] US (08/676,591) 1996-07-08

[21] **2,259,429**
[13] A1

[51] Int.Cl. 6F17C1/00 6B63B25/14
[25] EN
[54] SHIP BASED GAS TRANSPORT SYSTEM
[54] SYSTEME DE TRANSPORT DE GAZ PAR BATEAU
[72] CRAN, James A., CA
[72] STENNING, David G., CA
[71] ENRON LNG DEVELOPMENT CORP., US
[85] 1999-01-04
[86] 1997-09-26 (PCT/US97/17484)
[87] 1998-04-09 (WO98/14362)
[30] US (08/724,364) 1996-10-01

[21] **2,259,432**
[13] A1

[51] Int.Cl. 6G2C7/04
[25] EN
[54] CONTACT LENS AND METHOD FOR MAKING THE SAME
[54] LENTILLE DE CONTACT ET PROCEDE DE FABRICATION CORRESPONDANT
[72] VAYNTRAUB, Michael M., US
[71] POLYMER TECHNOLOGY CORPORATION, US
[85] 1998-12-30
[86] 1997-06-26 (PCT/US97/11224)
[87] 1998-01-08 (WO98/00749)
[30] US (60/021,069) 1996-07-01

[21] **2,259,434**
[13] A1

[51] Int.Cl. 6C8F4/62 6C8F10/00 6C8F32/00 6C8F4/44 6C8F4/52
[25] EN
[54] METHOD FOR PRODUCING ELASTOMERS
[54] PROCEDE POUR FABRIQUER DES ELASTOMERES
[72] OSTOJA STARZEWSKI, Karl-Heinz Aleksander, DE
[72] KELLY, Warren Mark, CA
[72] STUMPF, Andreas, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 1998-12-31
[86] 1997-07-02 (PCT/EP97/03464)
[87] 1998-01-15 (WO98/01487)
[30] DE (196 27 064.2) 1996-07-05
[30] DE (197 14 058.0) 1997-04-05

[21] **2,259,435**
[13] A1

[51] Int.Cl. 6C8F4/62 6C8F10/00 6C8F36/00 6C8F4/44 6C8F4/52
[25] EN
[54] METHOD FOR PRODUCING THERMOPLASTIC ELASTOMERS
[54] PROCEDE POUR FABRIQUER DES ELASTOMERES THERMOPLASTIQUES
[72] STUMPF, Andreas, DE
[72] KELLY, Warren Mark, CA
[72] OSTOJA STARZEWSKI, Karl-Heinz Aleksander, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 1998-12-31
[86] 1997-07-02 (PCT/EP97/03462)
[87] 1998-01-15 (WO98/01486)
[30] DE (196 27 064.2) 1996-07-05
[30] DE (197 14 058.0) 1997-04-05

[21] **2,259,436**
[13] A1

[51] Int.Cl. 6B65D50/04
[25] EN
[54] CHILD RESISTANT CLOSURE
[54] FERMETURE DE SECURITE POUR ENFANTS
[72] DEUBEL, Donald P., US
[71] POLY-SEAL CORPORATION, US
[85] 1998-12-31
[86] 1997-07-29 (PCT/US97/13334)
[87] 1998-02-05 (WO98/04469)
[30] US (08/689,087) 1996-07-30

[21] **2,259,437**
[13] A1

[51] Int.Cl. 6A61M31/00 6A61M37/00
[25] EN
[54] MULTIPLE MECHANICAL MICROPORATION OF SKIN OR MUCOSA
[54] MICROPORATION MECANIQUE MULTIPLE DE LA PEAU OU DE LA MUQUEUSE
[72] EPPSTEIN, Jonathan A., US
[71] SPECTRX, INC., US
[71] ALTEA TECHNOLOGIES, INC., US
[85] 1998-12-30
[86] 1997-07-03 (PCT/US97/11670)
[87] 1998-01-08 (WO98/00193)
[30] US (60/021,212) 1996-07-03

[21] **2,259,438**
[13] A1

[51] Int.Cl. 6C8F4/62 6C8F10/00 6C8F10/02 6C8F4/44 6C8F4/52
[25] EN
[54] METHOD FOR PRODUCING HIGH MELTING-POINT POLYOLEFINS
[54] PROCEDE POUR PRODUIRE DES POLYOLEFINES A POINT DE FUSION ELEVE
[72] KELLY, Warren Mark, CA
[72] OSTOJA STARZEWSKI, Karl-Heinz Aleksander, DE
[72] STUMPF, Andreas, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 1998-12-31
[86] 1997-07-02 (PCT/EP97/03461)
[87] 1998-01-15 (WO98/01485)
[30] DE (196 27 064.2) 1996-07-05
[30] DE (197 14 058.0) 1997-04-05

[21] **2,259,439**
[13] A1

[51] Int.Cl. 6B1J23/68
[25] EN
[54] NIOBIUM OR TANTALUM PROMOTED SILVER CATALYST
[54] CATALYSEUR A L'ARGENT COMPORTANT UN PROMOTEUR AU NIOBIUM OU AU TANTALE
[72] RIZKALLA, Nabil, US
[71] SCIENTIFIC DESIGN COMPANY, INC., US
[85] 1998-12-31
[86] 1997-10-21 (PCT/US97/18927)
[87] 1998-05-07 (WO98/18551)
[30] US (08/736,997) 1996-10-25

PCT Applications Entering the National Phase

[21] **2,259,441**
[13] A1
[51] **Int.Cl. 6B65D21/02 6B65D21/024**
[25] EN
[54] **CONTAINERS**
[54] **CONTENEURS**
[72] COPE, Andrew Christopher, GB
[71] MCKECHNIE UK LIMITED, GB
[85] 1998-12-31
[86] 1997-07-03 (PCT/GB97/01795)
[87] 1998-01-15 (WO98/01352)
[30] GB (9613949.8) 1996-07-03
[30] GB (9617218.4) 1996-08-16

[21] **2,259,442**
[13] A1
[51] **Int.Cl. 6A61M5/20 6A61M5/145**
[25] EN
[54] **INJECTION DEVICE AND METHOD FOR ITS OPERATION**
[54] **DISPOSITIF D'INJECTION ET PROCEDE DE FONCTIONNEMENT DUL-DIT DISPOSITIF**
[72] PETTERSSON, Gunnar, SE
[72] CSEKE, Rudolf, SE
[72] HERTIG, Guido, CH
[72] BOSSE, Rainer, CH
[72] HJERTMAN, Birger, SE
[71] PHARMACIA & UPJOHN AB, SE
[85] 1998-12-30
[86] 1997-06-18 (PCT/SE97/01093)
[87] 1998-01-08 (WO98/00188)
[30] SE (9602611-7) 1996-07-01
[30] US (60/021,293) 1996-07-09

[21] **2,259,443**
[13] A1
[51] **Int.Cl. 6B65D21/06 6B65D21/02**
[25] EN
[54] **CONTAINER**
[54] **CONTENEUR**
[72] LOFTUS, Stephen Clive, GB
[71] MCKECHNIE UK LIMITED, GB
[85] 1998-12-31
[86] 1997-07-03 (PCT/GB97/01796)
[87] 1998-01-15 (WO98/01353)
[30] GB (9613949.8) 1996-07-03
[30] GB (9617218.4) 1996-08-16

[21] **2,259,444**
[13] A1
[51] **Int.Cl. 6F17C13/04 6F17C7/00**
[25] EN
[54] **DUAL ACTION VALVE**
[54] **VANNE A DOUBLE D'ACTION**
[72] CLARK, James E., II, US
[71] C.H. & I. TECHNOLOGIES, INC., US
[85] 1998-12-31
[86] 1997-02-10 (PCT/US97/02130)
[87] 1998-01-15 (WO98/01367)
[30] US (676,568) 1996-07-08

[21] **2,259,445**
[13] A1
[51] **Int.Cl. 6A61F13/15**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING A DECOUPLED, RANDOMLY ARRANGED ABSORBENT STRUCTURE**
[54] **ARTICLE ARSORBANT JETABLE A STRUCTURE ABSORBANTE DECOUPLEE AGENCE ALEATOIREMENT**
[72] CARLUCCI, Giovanni, IT
[72] D'ALESSIO, Nicola, IT
[72] TAMBURRO, Maurizio, IT
[72] GIORGINI, Gennaro, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-31
[86] 1997-06-02 (PCT/US97/09284)
[87] 1998-01-08 (WO98/00084)
[30] EP (96110572.3) 1996-07-01

[21] **2,259,446**
[13] A1
[51] **Int.Cl. 6B22C9/10 6B22C1/00 6B22D17/00 6B22D29/00**
[25] EN
[54] **DIE CASTING EMPLOYING SOLUBLE CORE**
[54] **COULAGE SOUS PRESSION UTILISANT UN NOYAU SOLUBLE**
[72] CARDEN, Robin A., US
[71] ALYN CORPORATION, US
[85] 1998-12-31
[86] 1997-05-21 (PCT/US97/09354)
[87] 1998-01-08 (WO98/00251)
[30] US (08/674,167) 1996-07-01

[21] **2,259,448**
[13] A1
[51] **Int.Cl. 6G21F1/08 6C22C1/10 6B22F3/12 6C22C21/00**
[25] EN
[54] **METAL MATRIX COMPOSITIONS FOR NEUTRON SHIELDING APPLICATIONS**
[54] **COMPOSITIONS DE MATRICES METALLIQUES POUR APPLICATIONS DE BLINDAGE CONTRE LES NEUTRONS**
[72] CARDEN, Robin A., US
[71] ALYN CORPORATION, US
[85] 1998-12-31
[86] 1997-05-21 (PCT/US97/09360)
[87] 1998-01-08 (WO98/00258)
[30] US (08/674,209) 1996-07-01

[21] **2,259,450**
[13] A1
[51] **Int.Cl. 6C8B37/00 6A61K35/78**
[25] EN
[54] **HOT-WATER EXTRACT OF NEMACYSTIS DECIPIENS AND USE THEREOF**
[54] **EXTRAIT DE NEMACYSTIS DECIPIENS OBTENU AU MOYEN D'EAU CHAUDE, ET SON UTILISATION**
[72] SATO, Takaya, JP
[72] YAMAOKA, Ippei, JP
[72] UEHARA, Tsutomu, JP
[72] KOHRI, Hideaki, JP
[72] ASAGI, Kozo, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[71] NISSHINBO INDUSTRIES, INC., JP
[85] 1998-12-31
[86] 1997-06-24 (PCT/JP97/02182)
[87] 1998-01-08 (WO98/00447)
[30] JP (8-171020) 1996-07-01

[21] **2,259,451**
[13] A1
[51] **Int.Cl. 6B65D85/72 6C8L51/04 6C8L33/08 6B65D81/24**
[25] FR
[54] **CONDITIONNEMENT DE LONGUE DUREE POUR BOISSON**
[54] **PACKAGING FOR A BEVERAGE**
[72] ROBICHON, Patrice, FR
[72] NOBLE, Philippe, FR
[71] PERNOD RICARD, FR
[85] 1998-12-21
[86] 1997-06-19 (PCT/FR97/01102)
[87] 1997-12-31 (WO97/49621)
[30] FR (96/07742) 1996-06-21

Demandes PCT entrant en phase nationale

[21] **2,259,452**
[13] A1

[51] Int.Cl. 6F42B12/50 6F42B12/36
[25] FR
[54] **PROJECTILE NON LETAL**
[54] **NON-LETHAL PROJECTILE**
[72] SIMONELLA, Walter, FR
[72] RIFFET, Régis, FR
[72] VALEMBOIS, Guy, FR
[71] ÉTIENNE LACROIX TOUS ARTIFICES S.A., FR
[85] 1998-12-21
[86] 1997-06-20 (PCT/FR97/01109)
[87] 1997-12-31 (WO97/49969)
[30] FR (96/07780) 1996-06-21

[21] **2,259,454**
[13] A1

[51] Int.Cl. 6F42B12/50 6F42B12/36
[25] FR
[54] **MUNITION NON LETALE NOTAMMENT A EFFET INCAPACITANT**
[54] **NON-LETHAL AMMUNITION WITH INCAPACITATING EFFECT**
[72] GROMEK, Bruno, FR
[72] LEICHTER, Geneviève, FR
[72] CASTAREDE, Michel, FR
[71] ETIENNE LACROIX TOUS ARTIFICES S.A., FR
[85] 1998-12-21
[86] 1996-06-21 (PCT/FR96/00973)
[87] 1997-12-31 (WO97/49968)

[21] **2,259,455**
[13] A1

[51] Int.Cl. 6F24F9/00 6F24F3/16 6B8B15/00
[25] FR
[54] **PROCEDE ET DISPOSITIF DE PROTECTION D'UN PLAN DE TRAVAIL**
[54] **METHOD AND DEVICE FOR PROTECTING A WORK SURFACE**
[72] MARCHAL, Philippe, FR
[72] ARROYO, Georges, FR
[71] U.N.I.R. ULTRA PROPRE-NUTRITION INDUSTRIE-RECHERCHE, FR
[85] 1998-12-21
[86] 1997-06-20 (PCT/FR97/01106)
[87] 1997-12-31 (WO97/49955)
[30] FR (96/07961) 1996-06-21

[21] **2,259,461**
[13] A1

[51] Int.Cl. 6C1G41/02 6C22B34/36 6C1G39/02 6C22B34/36
[25] EN
[54] **PROCESS FOR PREPARING PURE ALKALI AND/OR AMMONIUM TUNGSTATE SOLUTIONS**
[54] **PROCEDE POUR PREPARER DES SOLUTIONS ALCALINES ET/OU A BASE D'AMMONIUM ET DE TUNGSTATE PURES**
[72] MATHY, Wolfgang, DE
[72] GUTKNECHT, Wilfried, DE
[71] H.C. STARCK GMBH & CO. KG, DE
[85] 1998-12-31
[86] 1997-07-01 (PCT/EP97/03438)
[87] 1998-01-15 (WO98/01393)
[30] DE (196 27 063.4) 1996-07-05

[21] **2,259,462**
[13] A1

[51] Int.Cl. 6A23B5/005 6A23L1/32
[25] FR
[54] **PROCEDE DE TRAITEMENT DE BLANC D'OEUF LIQUIDE**
[54] **METHOD FOR TREATING LIQUID EGG-WHITES**
[72] ANZA, Laurence, FR
[72] LIOT, Roger, FR
[71] LIOT, Roger, FR
[85] 1998-12-30
[86] 1997-07-04 (PCT/FR97/01200)
[87] 1998-01-15 (WO98/01038)
[30] FR (96/08356) 1996-07-04

[21] **2,259,465**
[13] A1

[51] Int.Cl. 6G1N29/06 6G1N27/82 6G1R27/00
[25] EN
[54] **ULTRASOUND-HALL EFFECT IMAGING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IMAGERIE PAR EFFET HALL A ULTRASON**
[72] WEN, Han, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRET, US
[85] 1998-12-30
[86] 1997-07-02 (PCT/US97/11272)
[87] 1998-01-08 (WO98/00732)
[30] US (60/021,204) 1996-07-03

[21] **2,259,466**
[13] A1

[51] Int.Cl. 6A61C15/04 6A61K7/16 6A61K9/70
[25] EN
[54] **DENTAL FLOSS WITH INCREASED LOADING WEIGHT**
[54] **SOIE DENTAIRE A POIDS DE CHARGE ACCRU**
[72] OCHS, Harold D., US
[71] McNEIL-PPC, INC., US
[85] 1998-12-30
[86] 1997-06-10 (PCT/US97/09765)
[87] 1998-01-08 (WO98/00073)
[30] US (08/676,881) 1996-07-03

[21] **2,259,468**
[13] A1

[51] Int.Cl. 6G1F23/62 6G1F23/72 6G21C17/032 6G1M3/04
[25] FR
[54] **DETECTEUR DE LIQUIDE DANS UN ELEMENT D'UNE INSTALLATION ET SON UTILISATION POUR LA DETECTION DES FUITES**
[54] **DETECTOR OF LIQUID IN AN ELEMENT OF AN INSTALLATION AND ITS USE FOR DETECTING LEAKS**
[72] MALMASSON, Jacques, FR
[71] FRAMATOME, FR
[85] 1998-12-30
[86] 1997-07-02 (PCT/FR97/01183)
[87] 1998-01-15 (WO98/01735)
[30] FR (96/08352) 1996-07-04

[21] **2,259,472**
[13] A1

[51] Int.Cl. 6B4B5/04
[25] EN
[54] **TUBING SET, APPARATUS, AND METHOD FOR SEPARATION OF FLUID COMPONENTS**
[54] **PROCEDE, APPAREIL ET ENSEMBLE DE TUBES PERMETTANT DE SEPARER DES COMPOSANTS FLUIDES**
[72] HLAVINKA, Dennis, US
[71] COBE LABORATORIES, INC., US
[85] 1998-12-31
[86] 1998-05-07 (PCT/US98/09407)
[87] 1998-11-12 (WO98/50163)
[30] US (08/853,374) 1997-05-08

PCT Applications Entering the National Phase

[21] **2,259,474**
[13] A1

[51] **Int.Cl. 6A61B17/36**
[25] EN
[54] **FINGERTIP-MOUNTED MINIMALLY INVASIVE SURGICAL INSTRUMENTS AND METHODS OF USE**
[54] **INSTRUMENTS CHIRURGICAUX MINIMALEMENT INVASIFS MONTES SUR L'EXTREMITÉ DES DOIGTS, ET PROCÉDES D'UTILISATION**
[72] BEANE, Richard M., US
[72] EK, Steven, US
[72] MEYERS, William C., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[71] SMITH & NEPHEW, INC., US
[85] 1999-12-30
[86] 1997-06-30 (PCT/US97/11494)
[87] 1998-01-08 (WO98/00069)
[30] US (60/017,854) 1996-07-01
[30] US (08/811,546) 1997-03-04

[21] **2,259,475**
[13] A1

[51] **Int.Cl. 6A61B17/32**
[25] EN
[54] **FINGERTIP-MOUNTED MINIMALLY INVASIVE SURGICAL INSTRUMENTS AND METHODS OF USE**
[54] **INSTRUMENTS CHIRURGICAUX MONTES SUR L'EXTREMITÉ DES DOIGTS MINIMALEMENT INVASIFS ET PROCÉDES D'UTILISATION**
[72] CARROLL, Maureen E., US
[72] CHARLES, Kirk W., US
[72] MEYERS, William C., US
[72] EK, Steven, US
[72] VERDURA, Javier, US
[71] SMITH & NEPHEW, INC., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 1998-12-30
[86] 1997-06-30 (PCT/US97/11481)
[87] 1998-01-08 (WO98/00068)
[30] US (60/017,854) 1996-07-01
[30] US (08/777,665) 1996-12-31

[21] **2,259,476**
[13] A1

[51] **Int.Cl. 6B32B27/08 6B65D81/26 6B1J20/26**
[25] EN
[54] **ABSORBENT INSERTS, METHOD OF PRODUCING THEM AND THEIR USE**
[54] **PIECES RAPPORTEES ABSORBANTES, PROCEDE PERMETTANT DE LES PRODUIRE ET UTILISATION**
[72] KRAUSE, Frank, DE
[72] JONAS, Gerd, DE
[72] PFLÜGER, Klaus, DE
[72] KLIMMEK, Helmut, DE
[71] STOCKHAUSEN GMBH & CO. KG, DE
[85] 1999-01-04
[86] 1997-06-27 (PCT/EP97/03380)
[87] 1998-01-15 (WO98/01299)
[30] DE (196 27 409.5) 1996-07-06
[30] DE (196 45 240.6) 1996-11-02

[21] **2,259,477**
[13] A1

[51] **Int.Cl. 6A61F9/007**
[25] EN
[54] **MEDICAL LASER GUIDANCE APPARATUS**
[54] **APPAREIL MEDICAL DE GUIDAGE AU LASER**
[72] MASON, William, GB
[71] LIFE SCIENCE RESOURCES LIMITED, GB
[85] 1998-12-30
[86] 1997-06-26 (PCT/GB97/01752)
[87] 1998-01-08 (WO98/00078)
[30] GB (9613766.6) 1996-07-01

[21] **2,259,480**
[13] A1

[51] **Int.Cl. 6B65C3/16 6B65C9/26**
[25] EN
[54] **LABELING MACHINE AND METHOD**
[54] **ETIQUETEUSE ET PROCEDE D'ETIQUETAGE**
[72] PARKER, Joseph C., US
[72] OTRUBA, Svatoboj, US
[72] GOMES, Gary G., US
[71] B & H MANUFACTURING COMPANY, INC., US
[85] 1998-12-30
[86] 1997-06-25 (PCT/US97/10959)
[87] 1998-01-08 (WO98/00339)
[30] US (08/678,393) 1996-07-02

[21] **2,259,483**
[13] A1

[51] **Int.Cl. 6G11B5/704 6G11B5/84 6C22C21/00 6B32B15/04 6C22C1/05**
[25] EN
[54] **MAGNETIC DISK SUBSTRATES FORMED OF CERAMIC-METAL MATRIX COMPOSITES WITH OR WITHOUT METAL CLADDING**
[54] **SUBSTRATS DE DISQUES MAGNETIQUES CONSTITUES DE COMPOSITES EN CERAMIQUE-MATRICE METALLIQUE AVEC OU SANS PLACAGE METALLIQUE**
[72] CARDEN, Robin A., US
[72] HARRIGAN, William C., US
[72] STANISH, Raymond L., US
[71] ALYN CORPORATION, US
[85] 1998-12-31
[86] 1997-05-21 (PCT/US97/09399)
[87] 1998-01-08 (WO98/00572)
[30] US (08/674,140) 1996-07-01
[30] US (08/791,831) 1997-01-30
[30] US (08/795,384) 1997-02-04

[21] **2,259,485**
[13] A1

[51] **Int.Cl. 6G1B21/26 6B60S5/00**
[25] EN
[54] **EASY TOE ADJUSTMENT**
[54] **REGLAGE FACILITE DU PINCEMENT**
[72] GILL, George Michael, US
[71] SNAP-ON TECHNOLOGIES, INC., US
[85] 1998-12-31
[86] 1998-04-20 (PCT/US98/08001)
[87] 1998-11-12 (WO98/50758)
[30] US (08/846,459) 1997-05-01

[21] **2,259,486**
[13] A1

[51] **Int.Cl. 6A41D13/00 6F41H1/02 6A61B19/04 6A41D13/10**
[25] EN
[54] **PUNCTURE, PIERCE, AND CUT RESISTANT FABRIC**
[54] **TISSU RESISTANT A LA PERFORATION, AU PERCAGE ET A LA COUPURE**
[72] KIM, Young Hwa, US
[71] HIGHER DIMENSION MEDICAL, INC., US
[85] 1998-12-31
[86] 1997-01-22 (PCT/US97/00550)
[87] 1998-01-08 (WO98/00039)
[30] US (08/675,146) 1996-07-03
[30] US (08/778,372) 1997-01-02

Demandes PCT entrant en phase nationale

[21] **2,259,488**
[13] A1

[51] Int.Cl. 6B22D41/56 6B22D11/10
[25] EN
[54] **IMPROVED BEAVER-TAIL TUBE ASSEMBLY AND TUBE CHANGING METHOD**
[54] **ENSEMBLE TUBE EN QUEUE DE CASTOR AMELIORE ET PROCEDE POUR CHANGER LES TUBES**
[72] KING, Patrick D., US
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 1998-12-30
[86] 1997-07-28 (PCT/US97/12922)
[87] 1998-02-05 (WO98/04371)
[30] US (08/688,785) 1996-07-31

[21] **2,259,491**
[13] A1

[51] Int.Cl. 6A23L1/236
[25] EN
[54] **ASPARTAME POWDERS FOR POWDER MIXTURES**
[54] **POUDRES D'ASPARTAME DESTINEES A DES MELANGES EN POUDRE**
[72] KEMPER, Astrid Elisabeth, NL
[72] SLANGEN, Hubertus Jozef Maria, NL
[71] HOLLAND SWEETENER COMPANY V.O.F., NL
[85] 1998-12-31
[86] 1997-07-03 (PCT/NL97/00377)
[87] 1998-01-15 (WO98/01041)
[30] NL (1003499) 1996-07-04

[21] **2,259,492**
[13] A1

[51] Int.Cl. 6C12N1/20 6C12P3/00 6C12P7/40 6C12S5/00 6C12P7/04
[25] EN
[54] **BIOLOGICAL PRODUCTION OF ACETIC ACID FROM WASTE GASES**
[54] **PRODUCTION BIOLOGIQUE D'ACIDE ACETIQUE A PARTIR DE GAZ RESIDUAIRES**
[72] GADDY, James L., US
[71] BIOENGINEERING RESOURCES, INC., US
[85] 1998-12-29
[86] 1996-07-01 (PCT/US96/11146)
[87] 1998-01-08 (WO98/00558)

[21] **2,259,494**
[13] A1

[51] Int.Cl. 6B29C65/08 6B23K20/10
[25] EN
[54] **STACKED ROTARY ACOUSTIC HORN**
[54] **PAVILLON ACOUSTIQUE ROTATIF EMPILE**
[72] NAYAR, Satinder K., US
[72] GOPALAKRISHNA, Haregoppa S., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1998-12-30
[86] 1996-11-05 (PCT/US96/17582)
[87] 1998-01-15 (WO98/01238)
[30] US (08/676050) 1996-07-05

[21] **2,259,495**
[13] A1

[51] Int.Cl. 6B64F1/22
[25] EN
[54] **TRANSPORT CRADLE FOR A SKID-SUPPORTED HELICOPTER**
[54] **BERCEAU DE TRANSPORT POUR HELICOPTERE MONTE SUR PATINS**
[72] HANCOCK, Anthony, GB
[71] HANCOCK, Anthony, GB
[85] 1998-12-30
[86] 1997-06-30 (PCT/GB97/01833)
[87] 1998-01-08 (WO98/00335)
[30] GB (9613736.9) 1996-07-01

[21] **2,259,497**
[13] A1

[51] Int.Cl. 6F16H7/06 6F16H55/30
[25] EN
[54] **ROLLER CHAIN DRIVE SYSTEM HAVING IMPROVED NOISE CHARACTERISTICS**
[54] **SYSTEME DE PIGNON DE CHAINE A ROULEAUX PRESENTANT DES CARACTERISTIQUES SONORES AMELIOREES**
[72] YOUNG, James D., US
[71] CLOYES GEAR AND PRODUCTS, INC., US
[85] 1998-12-31
[86] 1997-07-01 (PCT/US97/11313)
[87] 1998-01-08 (WO98/00656)
[30] US (60/021,107) 1996-07-03
[30] US (08/879,157) 1997-06-19

[21] **2,259,498**
[13] A1

[51] Int.Cl. 6B25C1/02 6B25C3/00
[25] EN
[54] **MULTI-PURPOSE FRAMING TOOL**
[54] **OUTIL POLYVALENT D'ASSEMBLAGE DE CADRES**
[72] LEETE, Gary Maxwell, AU
[71] LEETE, Gary Maxwell, AU
[85] 1998-12-30
[86] 1997-07-02 (PCT/AU97/00417)
[87] 1998-01-15 (WO98/01261)
[30] AU (PO 0828) 1996-07-04
[30] AU (PO 3564) 1996-11-12

[21] **2,259,502**
[13] A1

[51] Int.Cl. 6H1L31/107
[25] EN
[54] **AVALANCHING SEMICONDUCTOR DEVICE HAVING AN EPITAXIALLY GROWN LAYER**
[54] **DISPOSITIF A SEMI-CONDUCTEURS A AVALANCHE, COMPRENANT UNE COUCHE A CROISSANCE EPITAXIALE**
[72] BOISVERT, Joseph Charles, US
[72] MONTROY, John Thomas, US
[72] JOSTAD, Leon Leslie, US
[71] ADVANCED PHOTONIX, INC., US
[85] 1998-12-31
[86] 1997-07-03 (PCT/US97/11768)
[87] 1998-01-08 (WO98/00873)
[30] US (60/035,349) 1996-07-03

[21] **2,259,503**
[13] A1

[51] Int.Cl. 6B1D57/02 6G1N27/447
[25] EN
[54] **AN IMPROVED METHOD FOR THE CAPILLARY ELECTROPHORESIS OF NUCLEIC ACIDS, PROTEINS AND LOW MOLECULAR CHARGED COMPOUNDS**
[54] **PROCEDE AMELIORE POUR ELECTROPHORESE CAPILLAIRE DES ACIDES NUCLEIQUES, DES PROTEINES ET DES COMPOSES A BAS POIDS MOLECULAIRE**
[72] EKSTRÖM, Björn, SE
[72] ARVIDSSON, Lars-Erik, SE
[71] AMERSHAM PHARMACIA BIOTECH AB, SE
[85] 1998-12-30
[86] 1997-07-01 (PCT/SE97/01187)
[87] 1998-01-08 (WO98/00709)
[30] SE (9602638-0) 1996-07-03

PCT Applications Entering the National Phase

[21] 2,259,509
[13] A1

[51] Int.Cl. 6B1J19/10 6C2F1/36
[25] FR
[54] DISPOSITIF ET PROCEDE DE TRAITEMENT D'UN MILIEU LIQUIDE
[54] METHOD AND DEVICE FOR TREATING A LIQUID MEDIUM
[72] HANNECART, Baudouin, BE
[72] LEPELTIER, Marie-Francoise, FR
[72] CANIVET, Yves, BE
[72] CORDEMANS DE MEULENAER, Eric, BE
[71] HANNECART, Baudouin, BE
[71] CORDEMANS DE MEULENAER, Eric, BE
[85] 1998-12-30
[86] 1997-07-04 (PCT/BE97/00078)
[87] 1998-01-15 (WO98/01394)
[30] BE (9600613) 1996-07-04

[21] 2,259,510
[13] A1
[51] Int.Cl. 6B22D11/04 6B22D11/14
[25] FR
[54] DISPOSITIF DE POSITIONNEMENT D'UN BLOC-FILIERE D'UNE TABLE DE COULEE D'UNE MACHINE DE COULEE CONTINUE VERTICALE ASCENDANTE
[54] POURING TABLE DIE BLOCK POSITIONING DEVICE FOR AN UPHILL VERTICAL CONTINUOUS CASTING MACHINE
[72] MORCEL, Yvan, FR
[72] GIRARDIN, Denis, FR
[72] ARNOULD, Fabien, FR
[71] PONT-A-MOUSSON S.A., FR
[85] 1998-12-31
[86] 1997-07-11 (PCT/FR97/01299)
[87] 1998-01-29 (WO98/03288)
[30] FR (96/08959) 1996-07-17

[21] 2,259,512
[13] A1
[51] Int.Cl. 6B65H35/07
[25] FR
[54] BOITE DEVIDOIR POUR RUBAN, EN PARTICULIER POUR RUBAN ADHESIF
[54] UNWINDING CASE FOR TAPE, IN PARTICULAR FOR SCOTCH TAPE
[72] MANDAR, Martine, FR
[71] MANDAR, Martine, FR
[85] 1999-01-04
[86] 1997-07-01 (PCT/FR97/01176)
[87] 1998-01-15 (WO98/01383)
[30] FR (96/08427) 1996-07-05

[21] 2,259,516
[13] A1
[51] Int.Cl. 6F16F9/46 6F16F9/53
[25] EN
[54] CONTROLLABLE VIBRATION APPARATUS
[54] APPAREIL OSCILLANT REGLABLE
[72] PRINDLE, Donald R., US
[72] ST. CLAIR, Kenneth A., US
[72] CHRZAN, Michael J., US
[72] CARLSON, J. David, US
[71] LORD CORPORATION, US
[85] 1998-12-30
[86] 1997-06-05 (PCT/US97/10840)
[87] 1998-01-08 (WO98/00653)
[30] US (08/674,179) 1996-07-02

[21] 2,259,517
[13] A1
[51] Int.Cl. 6C2F3/30 6C2F3/28
[25] EN
[54] MULTI-PHASE DUAL CYCLE INFLUENT PROCESS
[54] TRAITEMENT D'INFLUENTS A PHASES MULTIPLES ET A DOUBLE CYCLE
[72] YANG, Chester Qixing, CA
[71] AQUA-AEROBIC SYSTEMS, INC., US
[85] 1998-12-30
[86] 1997-07-09 (PCT/US97/12302)
[87] 1998-01-15 (WO98/01397)
[30] US (60/022,491) 1996-07-10

[21] 2,259,518
[13] A1
[51] Int.Cl. 6H1F1/14 6G8B13/22 6H1F10/28
[25] EN
[54] ANNEALING MAGNETIC ELEMENTS FOR STABLE MAGNETIC PROPERTIES
[54] RECUIIT CONFERANT DES PROPRIETES MECANQUES STABLES A DES ELEMENTS MAGNETIQUES
[72] GADONNIEX, Dennis Michael, US
[71] SENSORMATIC ELECTRONICS CORPORATION, US
[85] 1998-12-30
[86] 1997-06-25 (PCT/US97/11048)
[87] 1998-01-08 (WO98/00821)
[30] US (08/673,927) 1996-07-01

[21] 2,259,523
[13] A1
[51] Int.Cl. 6C25B3/10 6C7H21/00 6C7K1/04
[25] EN
[54] ELECTROCHEMICAL SOLID PHASE SYNTHESIS OF POLYMERS
[54] SYNTHESE ELECTROCHIMIQUE DE POLYMERES EN PHASE SOLIDE
[72] MONTGOMERY, Donald D., US
[71] COMBIMATRIX CORPORATION, US
[85] 1999-01-04
[86] 1997-07-03 (PCT/US97/11463)
[87] 1998-01-15 (WO98/01221)
[30] US (60/021,002) 1996-07-05

[21] 2,259,524
[13] A1
[51] Int.Cl. 6B65H23/06 6A47K10/38 6B65H16/02
[25] FR
[54] DISTRIBUTEUR POUR BANDE DE MATERIAU EN ROULEAU SANS MANDRIN COMPORTANT UNE TIGE SUPPORT PERFECTIONNEE
[54] DISPENSER FOR ROLL MATERIAL STRIP WITHOUT WINDING CORE COMPRISING AN IMPROVED SUPPORTING SPINDLE
[72] NEVEU, Jean-Louis, FR
[72] O'CONNOR, Joseph Patrick, GB
[72] CONRAN, Sébastien, GB
[72] MALECOT, Yves, FR
[72] LOUIS DIT PICARD, Louis, FR
[71] JAMONT N.V., NL
[85] 1999-01-05
[86] 1997-07-11 (PCT/FR97/01303)
[87] 1998-01-22 (WO98/02373)
[30] FR (FR 96/08766) 1996-07-12

[21] 2,259,525
[13] A1
[51] Int.Cl. 6A47K10/42
[25] FR
[54] DISTRIBUTEUR DE PAPIER COMPORTANT UNE CASSETTE AMOVIBLE
[54] PAPER DISPENSER CONTAINING A REMOVABLE CASE
[72] O'CONNOR, Joseph Patrick, GB
[72] CONRAN, Sébastien, GB
[72] MALECOT, Yves, FR
[72] LOUIS DIT PICARD, Louis, FR
[72] NEVEU, Jean-Louis, FR
[71] JAMONT N.V., NL
[85] 1999-01-05
[86] 1997-07-11 (PCT/FR97/01302)
[87] 1998-01-22 (WO98/02078)
[30] FR (FR 96/08765) 1996-07-12

Demandes PCT entrant en phase nationale

[21] **2,259,528**
[13] A1
[51] **Int.Cl. 6H4Q7/18 6G6K19/077 6H4Q7/08**
[25] FR
[54] **PROCEDE DE CONTROLE DE L'UTILISATION D'UN MESSAGEUR, MESSAGEUR FONCTIONNANT SELON CE PROCEDE ET CARTE A PUCE POUR L'ACCES CONDITIONNE A UN MESSAGEUR**
[54] **METHOD FOR CONTROLLING THE USE OF A PAGER, PAGER OPERATING WITH THIS METHOD AND CHIP CARD FOR CONDITIONED ACCESS TO A PAGER**
[72] KARLISCH, Thierry, FR
[72] LEZAMA ARGAEZ, Hector Alberto, MX
[72] LEDUC, Michel, FR
[71] GEMPLUS, FR
[85] 1999-01-05
[86] 1997-07-04 (PCT/FR97/01209)
[87] 1998-01-15 (WO98/01836)
[30] MX (96261) 1996-07-05
[30] FR (96/13370) 1996-10-31

[21] **2,259,529**
[13] A1
[51] **Int.Cl. 6C8L23/04 6C8K5/42**
[25] EN
[54] **METHOD OF PROCESSING POLY-ETHYLENE AND POLYETHYLENE/ELASTOMER BLENDS**
[54] **PROCEDE DE TRAITEMENT DE MELANGES A BASE DE POLYETHYLENE ET DE POLYETHYLENE/ELASTOMERE**
[72] ERDERLY, Thomas Craig, US
[72] SCHMIEG, Joel E., US
[72] CHLUDZINSKI, James J., US
[72] PEIFFER, Dennis G., US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 1999-01-04
[86] 1997-08-06 (PCT/US97/13856)
[87] 1998-02-12 (WO98/05711)
[30] US (60/022,432) 1996-08-06

[21] **2,259,531**
[13] A1
[51] **Int.Cl. 6C3B29/08**
[25] EN
[54] **FURNACE FOR HEAT TREATMENTS OF GLASS SHEETS**
[54] **FOUR POUR TRAITEMENTS THERMIQUES DE FEUILLES DE VERRE**
[72] JARVINEN, Jouko, FI
[72] MACRELLI, Guglielmo, IT
[71] IANUA S.P.A., IT
[85] 1999-01-04
[86] 1997-06-30 (PCT/EP97/03407)
[87] 1998-01-15 (WO98/01398)
[30] IT (PD96A000176) 1996-07-05

[21] **2,259,534**
[13] A1
[51] **Int.Cl. 6B65D83/00 6B29C49/22**
[25] EN
[54] **PROCESS FOR MANUFACTURING A CONTAINER AND CONTAINER PROVIDED WITH PRESSURE COMPENSATION HOLES**
[54] **PROCEDE DE FABRICATION D'UN RECIPIENT ET RECIPIENT POURVU D'OUVERTURES D'EQUILIBRAGE DE LA PRESSION**
[72] KNEER, Roland, DE
[71] GAPLAST GMBH, DE
[85] 1999-01-04
[86] 1997-06-19 (PCT/DE97/01250)
[87] 1998-01-15 (WO98/01268)
[30] DE (196 26 967.9) 1996-07-04

[21] **2,259,536**
[13] A1
[51] **Int.Cl. 6C8G63/189 6C8G63/19 6G3C1/795 6C8L67/02 6C8J5/18**
[25] EN
[54] **BIAXIALLY ORIENTED POLY-ETHYLENE NAPHTHALATE COPOLYMER FILM**
[54] **FILM DE COPOLYMERE DE NAPHTALATE DE POLYETHYLENE A ORIENTATION BIAZIALE**
[72] KOSUGE, Masahiko, JP
[72] TSUKAMOTO, Ryoji, JP
[72] ITO, Seiji, JP
[72] TERAMOTO, Mitsuru, JP
[71] TEIJIN LIMITED, JP
[85] 1999-01-05
[86] 1998-05-01 (PCT/JP98/02002)
[87] 1998-11-12 (WO98/50456)
[30] JP (9/115572) 1997-05-06
[30] JP (9/173799) 1997-06-30
[30] JP (9/232431) 1997-08-28

[21] **2,259,540**
[13] A1
[51] **Int.Cl. 6C12N15/53 6C12N9/08 6C12Q1/30 6C7K16/40**
[25] EN
[54] **CATALASES**
[54] **CATALASES**
[72] SANYAL, Indrajit, US
[72] ROBERTSON, Dan E., US
[72] ADHIKARY, Robert S., US
[71] DIVERSA CORPORATION, US
[85] 1998-12-30
[86] 1997-07-03 (PCT/US97/16513)
[87] 1998-01-08 (WO98/00526)
[30] US (08/674,887) 1996-07-03

[21] **2,259,544**
[13] A1
[51] **Int.Cl. 6G6F17/30**
[25] EN
[54] **EXTENSIBLE INDEXING**
[54] **INDEXAGE EXTENSIBLE**
[72] NORI, Anil, US
[72] DEFAZIO, Samuel, US
[72] HONG, Chin, US
[72] MURTHY, Ravi, US
[72] SRINIVASAN, Jagannathan, US
[71] ORACLE CORPORATION, US
[85] 1999-01-04
[86] 1997-07-01 (PCT/US97/11194)
[87] 1998-01-15 (WO98/01811)
[30] US (08/677,159) 1996-07-09

[21] **2,259,545**
[13] A1
[51] **Int.Cl. 6B65D21/028 6B65D25/20 6B65D69/00**
[25] EN
[54] **STRIP OF CONTAINERS FOR LIQUIDS OR PASTES**
[54] **BANDE DE CONTENANTS POUR LIQUIDES OU PATES**
[72] CHIESI, Paolo, IT
[72] TAGLIAPIETRA, Luigi, IT
[72] DE SALVO, Ross, IT
[72] DEL CORNO, Marco, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 1999-01-04
[86] 1997-07-03 (PCT/EP97/03496)
[87] 1998-01-15 (WO98/01348)
[30] IT (MI96A001385) 1996-07-05

PCT Applications Entering the National Phase

[21] **2,259,546**
[13] A1

[51] Int.Cl. 6H4B10/18 6G2B6/16
[25] EN
[54] DISPERSION COMPENSATING WAVEGUIDE FOR OPTICAL TRANSMISSION SYSTEMS

[54] GUIDE D'ONDES A COMPENSATION DE DISPERSION POUR SYSTEMES DE TRANSMISSION OPTIQUE
[72] BYRON, Kevin Christopher, GB
[71] NORTHERN TELECOM LIMITED, CA

[85] 1998-12-31
[86] 1997-07-03 (PCT/GB97/01783)
[87] 1998-01-15 (WO98/01781)
[30] GB (9614244.3) 1996-07-06

[21] **2,259,553**
[13] A1

[51] Int.Cl. 6C8F4/62 6C8F10/00 6C8F32/00 6C8F4/44 6C8F4/52
[25] EN

[54] METHOD FOR PRODUCING CYCLOOLEFIN (CO)POLYMERS FOR TECHNICAL APPLICATIONS
[54] PROCEDE POUR FABRIQUER DES (CO)POLYMERES DE CYCLO-OLEFINES DESTINES A DES APPLICATIONS TECHNIQUES

[72] STUMPF, Andreas, DE
[72] OSTOJA STARZEWSKI, Karl-Heinz Aleksander, DE
[72] KELLY, Warren Mark, CA
[71] BAYER AKTIENGESELLSCHAFT, DE

[85] 1998-12-31
[86] 1997-07-02 (PCT/EP97/03460)
[87] 1998-01-15 (WO98/01484)
[30] DE (196 27 064.2) 1996-07-05
[30] DE (197 14 058.0) 1997-04-05

[21] **2,259,554**
[13] A1

[51] Int.Cl. 6H2M7/48 6H2M1/00 6H2M7/5387

[25] EN
[54] POWER CONVERTER
[54] CONVERTISSEUR DE PUISSANCE

[72] IWASAKI, Takayuki, JP
[72] KIMURA, Shin, JP
[72] YATSUO, Tsutomu, JP
[71] HITACHI, LTD., JP
[85] 1998-12-31

[86] 1996-07-03 (PCT/JP96/01838)
[87] 1998-01-15 (WO98/01939)

[21] **2,259,559**
[13] A1

[51] Int.Cl. 6C8F2/38 6C8F8/34
[25] EN
[54] POLYMERIZATION WITH LIVING CHARACTERISTICS

[54] POLYMERISATION PRESENTANT DES CARACTERISTIQUES VIVANTES

[72] RIZZARDO, Ezio, AU
[72] THANG, San Hoa, AU
[72] MOAD, Graeme, AU
[72] LE, Tam Phuong, AU
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AU

[85] 1999-01-04
[86] 1997-07-03 (PCT/US97/12540)
[87] 1998-01-15 (WO98/01478)
[30] AU (PO0933/96) 1996-07-10
[30] AU (PO1109/96) 1996-07-18

[21] **2,259,561**
[13] A1

[51] Int.Cl. 6C8L23/26 6C8J3/24

[25] EN
[54] ELASTOMERS, PROCESSES FOR THEIR MANUFACTURE, AND ARTICLES MADE FROM THESE ELASTOMERS

[54] ELASTOMERES, PROCEDES DE FABRICATION ASSOCIES, ET ARTICLES FABRIQUES A PARTIR DESDITS ELASTOMERES

[72] HO, Thoi H., US
[72] JOHNSTON, Robert T., US
[72] HUGHES, Morgan M., US
[72] ALLEN, Jimmy D., US
[71] THE DOW CHEMICAL COMPANY, US

[85] 1999-01-04
[86] 1997-07-10 (PCT/US97/12249)
[87] 1998-01-22 (WO98/02489)
[30] US (08/678,909) 1996-07-12
[30] US (08/678,941) 1996-07-12

[21] **2,259,563**
[13] A1

[51] Int.Cl. 6H1L51/20 6H1L51/30
[25] EN

[54] ELECTROLUMINESCENT ARRANGEMENTS

[54] SYSTEMES ELECTROLUMINESCENTS

[72] QUINTENS, Dirk, BE
[72] WEHRMANN, Rolf, DE
[72] ELSCHNER, Andreas, DE
[72] JONAS, Friedrich, DE
[71] BAYER AKTIENGESELLSCHAFT, DE

[85] 1998-12-31
[86] 1997-07-01 (PCT/EP97/03437)
[87] 1998-01-15 (WO98/01909)
[30] DE (196 27 071.5) 1996-07-05

[21] **2,259,564**
[13] A1

[51] Int.Cl. 6H1Q5/00
[25] EN

[54] A PLANAR DUAL-FREQUENCY ARRAY ANTENNA

[54] ANTENNE RESEAU PLANE BIFREQUENCE

[72] LEVI, Shem-Tov, IL
[71] SKYGATE INTERNATIONAL TECHNOLOGY N.V., AN

[85] 1998-12-31
[86] 1996-07-04 (PCT/IL96/00037)
[87] 1998-01-15 (WO98/01921)

[21] **2,259,566**
[13] A1

[51] Int.Cl. 6F16J15/10 6F16J12/00 6F16B39/02 6F16B31/04 6F16J9/08

[25] EN
[54] SEALS FOR HYDRAULIC ASSEMBLIES

[54] JOINTS POUR SYSTEMES HYDRAULIQUES

[72] BUCKNELL, John Wentworth, AU
[71] BUCKNELL, John Wentworth, AU
[85] 1999-01-05

[86] 1997-07-02 (PCT/AU97/00425)
[87] 1998-01-08 (WO98/00660)
[30] AU (PO 0765) 1996-07-02

Demandes PCT entrant en phase nationale

[21] **2,259,568**
[13] A1

[51] **Int.Cl. 6H3M7/42**
[25] EN
[54] **SYSTEM, CODING SECTION, ARRANGEMENT, CODING APPARATUS, AND METHOD**
[54] **SYSTEME, SECTION DE CODAGE, ARRANGEMENT, APPAREIL DE CODAGE, ET PROCEDE**
[72] TJALKENS, Tjalling Jan, NL
[72] WILLEMS, Franciscus Maria Joannes, NL
[71] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
[71] KONINKLIJKE KPN N.V., NL
[85] 1999-01-05
[86] 1997-07-08 (PCT/EP97/03714)
[87] 1998-01-22 (WO98/02966)
[30] EP (96202007.9) 1996-07-15

[21] **2,259,571**
[13] A1

[51] **Int.Cl. 6H2G1/10 6H2G15/18 6H2G9/02 6H4B3/46 6H4B10/08**
[25] EN
[54] **A DEVICE FOR REDUCING THE TIME FOR MEASURING ON A CABLE**
[54] **DISPOSITIF POUR REDUIRE LE TEMPS DE MESURE D'UN CABLE**
[72] LJUNG, Per, SE
[72] ANDERSSON, Tommy, SE
[72] EKLUND, Thomas, SE
[72] HALLBERG, Hakan, SE
[72] KARLSTRÖM, Bo, SE
[72] PETTERSSON, Frank, SE
[71] TELIA AB, SE
[85] 1999-01-05
[86] 1997-07-03 (PCT/SE97/01199)
[87] 1998-01-22 (WO98/02755)
[30] SE (9602778-4) 1996-07-15

[21] **2,259,574**
[13] A1

[51] **Int.Cl. 6C1G45/02 6H1M4/50**
[25] EN
[54] **METHOD OF TREATING LITHIUM MANGANESE OXIDE SPINEL**
[54] **PROCEDE DE TRAITEMENT DE PARTICULES D'OXYDE DE MANGANESE-LITHIUM DE STRUCTURE SPINELLE**
[72] WANG, Enoch I., US
[71] DURACELL INC., US
[85] 1999-01-06
[86] 1997-07-08 (PCT/US97/11816)
[87] 1998-01-22 (WO98/02930)
[30] US (679,497) 1996-07-12
[30] US (757,055) 1996-11-26

[21] **2,259,576**
[13] A1

[51] **Int.Cl. 6F24H3/00 6F24H7/06**
[25] EN
[54] **SPACE HEATERS**
[54] **RADIATEURS INDEPENDANTS**
[72] WARREN, Ronald Michael, GB
[72] NAUGHTON, Martin Lawrence, IE
[72] PURTON, Arthur Joseph Patrick, IE
[71] BASIC PATENTS, IE
[85] 1999-01-05
[86] 1997-07-11 (PCT/GB97/01885)
[87] 1998-01-22 (WO98/02696)
[30] GB (9614748.3) 1996-07-12
[30] GB (9703040.7) 1997-02-14

[21] **2,259,577**
[13] A1

[51] **Int.Cl. 6A1J7/04 6A1K14/00**
[25] EN
[54] **AN IMPLEMENT FOR SHAVING ANIMALS**
[54] **INSTALLATION POUR LE RASAGE D'ANIMAUX**
[72] VAN DER LELY, Olaf, CH
[72] VAN DER LELY, Cornelis, CH
[71] MAASLAND N.V., NL
[85] 1999-01-05
[86] 1998-05-01 (PCT/NL98/00243)
[87] 1998-11-12 (WO98/49890)
[30] NL (1006004) 1997-05-07

[21] **2,259,578**
[13] A1

[51] **Int.Cl. 6G2B6/255**
[25] EN
[54] **METHOD OF JOINING PLASTIC OPTICAL FIBERS TO EACH OTHER**
[54] **PROCEDE DE COUPLAGE DE FIBRES OPTIQUES EN PLASTIQUE**
[72] TAKANO, Yoshinobu, JP
[72] SUGIYAMA, Norihide, JP
[71] ASAHI GLASS COMPANY LTD., JP
[85] 1999-01-05
[86] 1998-05-11 (PCT/JP98/02064)
[87] 1998-11-19 (WO98/52079)
[30] JP (9-121230) 1997-05-12

[21] **2,259,579**
[13] A1

[51] **Int.Cl. 6H1M6/18 6H1M6/22 6H1M10/40 6H1B1/12**
[25] EN
[54] **THIN APROTIC ELECTROLYTE FILMS, IMMOBILIZED LIQUID MEMBRANE CONDUCTORS, AND BATTERIES**
[54] **COUCHES MINCES D'ELECTROLYTE APROTIQUE, CONDUCTEURS A MEMBRANE LIQUIDE IMMOBILISES ET BATTERIES**
[72] TAKITA, Kotaro, JP
[72] KAIMAI, Norimitsu, JP
[72] KONO, Koichi, JP
[71] TONEN CHEMICAL CORPORATION, JP
[85] 1999-01-05
[86] 1998-05-20 (PCT/JP98/02205)
[87] 1998-11-26 (WO98/53465)
[30] JP (9/147298) 1997-05-21
[30] JP (9/147299) 1997-05-21

[21] **2,259,580**
[13] A1

[51] **Int.Cl. 6G11B7/135 6G11B7/14**
[25] EN
[54] **APPARATUS FOR READING OR WRITING OPTICAL RECORDING CARRIERS**
[54] **APPAREIL POUR LIRE OU ENREGISTRER DES DONNEES DES SUPPORTS D'ENREGISTREMENT OPTIQUES**
[72] BÜCHLER, Christian, DE
[71] DEUTSCHE THOMSON-BRANDT GMBH, DE
[85] 1999-01-05
[86] 1997-06-23 (PCT/EP97/03276)
[87] 1998-01-15 (WO98/01855)
[30] DE (196 27 383.8) 1996-07-06

PCT Applications Entering the National Phase

[21] 2,259,586
[13] A1

[51] Int.Cl. 6C2F7/00
[25] EN
[54] PURIFICATION METHOD BY MIXING/DIFFUSION OF CLOSED WATER ZONE AND MIXING/DIFFUSION APPARATUS
[54] PROCEDE DE PURIFICATION PAR MELANGE/DIFFUSION D'EAU SE TROUVANT DANS UNE ZONE D'EAU FERMEE, ET APPAREIL DE MELANGE/DIFFUSION
[72] NAKAMURA, Makoto, JP
[72] KOBAYASHI, Katsuya, JP
[71] MARINO-FORUM21, JP
[71] TOKYO KYUEI CO., LTD., JP
[71] HITACHI METALS, LTD., JP
[85] 1999-01-04
[86] 1997-07-10 (PCT/JP97/02399)
[87] 1998-01-22 (WO98/02385)
[30] JP (8-181963) 1996-07-11

[21] 2,259,587
[13] A1

[51] Int.Cl. 6B1J37/00 6F24F3/16 6B1D53/86
[25] EN
[54] HEAT EXCHANGE DEVICE AND METHOD OF CATALYTICALLY TREATING THE ATMOSPHERE
[54] DISPOSITIF D'ECHANGE THERMIQUE ET PROCEDE DE TRAITEMENT CATALYTIQUE DE L'ATMOSPHERE
[72] DETTLING, Joseph C., US
[71] ENGELHARD CORPORATION, US
[85] 1999-01-06
[86] 1997-05-06 (PCT/US97/07708)
[87] 1998-01-22 (WO98/02235)
[30] US (08/695,687) 1996-07-12

[21] 2,259,589
[13] A1

[51] Int.Cl. 6F16J15/12
[25] EN
[54] BORE SEAL ASSEMBLY
[54] ENSEMBLE GARNITURE D'ETANCHEITE POUR ALESAGE
[72] CASTILLO, Sergio A., Jr., US
[72] UNGCHUSRI, Tep, US
[71] FMC CORPORATION, US
[85] 1999-01-06
[86] 1997-07-07 (PCT/US97/11930)
[87] 1998-01-22 (WO98/02680)
[30] US (08/680,093) 1996-07-15

[21] 2,259,590
[13] A1

[51] Int.Cl. 6H1M4/48
[25] EN
[54] A METHOD FOR PREPARING MIXED AMORPHOUS VANADIUM OXIDES AND THEIR USE AS ELECTRODES IN RECHARGEABLE LITHIUM CELLS
[54] PROCEDE DE PREPARATION D'OXYDES DE VANADIUM AMORPHES MELANGES ET LEUR UTILISATION EN TANT QU'ELECTRODES DE PILES AU LITHIUM RECHARGEABLES
[72] DENIS, Sophie, FR
[72] TARASCON, Jean-Marie, US
[72] ORSINI, Francois, FR
[72] TOUBOUL, Marcel, FR
[71] BELL COMMUNICATIONS RESEARCH, INC., US
[85] 1999-01-05
[86] 1997-06-27 (PCT/US97/11285)
[87] 1998-01-22 (WO98/02929)
[30] US (08/678,210) 1996-07-11

[21] 2,259,592
[13] A1

[51] Int.Cl. 6D1B1/22
[25] EN
[54] METHOD FOR DECORTICATING PLANT MATERIAL
[54] PROCEDE DE DECORTICATION D'UN MATERIAU VEGETAL
[72] STRATTON, Mark A., CA
[72] LEDUC, Philip J., CA
[72] KELLY, David H., CA
[72] HILL, Leslie G., CA
[71] DURAFIBRE INC., CA
[85] 1999-01-05
[86] 1997-07-15 (PCT/CA97/00511)
[87] 1998-01-29 (WO98/03705)
[30] US (685,453) 1996-07-19

[21] 2,259,596
[13] A1

[51] Int.Cl. 6B23D59/00 6B23D47/02 6B28D1/04
[25] EN
[54] METHOD AND APPARATUS FOR PRELOADING A SKID PLATE FOR AN EARLY CUTTING CONCRETE SAW
[54] PROCEDE ET DISPOSITIF POUR PRECHARGER UNE PLAQUE PATIN D'UNE SCIE A BETON ENCORE FRAIS
[72] CHIUMINATTA, Edward R., US
[72] CHIUMINATTA, Alan R., US
[71] CHIUMINATTA, Edward R., US
[71] CHIUMINATTA, Alan R., US
[85] 1999-01-07
[86] 1997-07-14 (PCT/US97/12583)
[87] 1998-01-22 (WO98/02278)
[30] US (08/679,132) 1996-07-12

[21] 2,259,597
[13] A1

[51] Int.Cl. 6C9J201/00 6C9J7/02 6C9J133/02 6C9J133/06 6C9J133/18
[25] EN
[54] COLD SEALABLE COHESIVE POLYMERS
[54] POLYMERES SOUDABLES PAR PRESSION A FROID
[72] TOUHAENT, Robert Edward, US
[72] McGEE, Dennis Emmett, US
[71] MOBIL OIL CORPORATION, US
[85] 1999-01-07
[86] 1996-07-09 (PCT/US96/11454)
[87] 1998-01-15 (WO98/01504)

[21] 2,259,599
[13] A1

[51] Int.Cl. 6B27L11/00 6B27G13/04 6B27G13/10
[25] EN
[54] A BLADE DISK ARRANGEMENT FOR A DISK CHIPPER AND A HINGE STRIP OF A WEAR PLATE
[54] DISPOSITIF DE DISQUE A LAMES POUR DECHIQUETEUSE A DISQUE ET BANDE CHARNIERE POUR PLAQUE D'USURE
[72] JONKKA, Arvo, FI
[71] SUNDS DEFIBRATOR WOODHANDLING OY, FI
[85] 1999-01-07
[86] 1997-07-01 (PCT/FI97/00425)
[87] 1998-01-15 (WO98/01272)
[30] FI (962808) 1996-07-10

Demandes PCT entrant en phase nationale

[21] **2,259,602**
[13] A1

[51] Int.Cl. 6F2M67/04 6F2B13/10
[25] EN
[54] PRESSURISING A GAS INJECTION TYPE FUEL INJECTION SYSTEM
[54] PRESSURISATION D'UN SYSTEME D'INJECTION DE CARBURANT DU TYPE INJECTION DE GAZ
[72] MALSS, Stephen Reinhard, AU
[72] SCHNEPPLE, Thomas, AU
[72] PRICE, Stuart Graham, AU
[72] WORTH, David Richard, AU
[71] ORBITAL ENGINE COMPANY (AUSTRALIA) PTY. LIMITED, AU
[85] 1999-01-07
[86] 1997-07-10 (PCT/AU97/00438)
[87] 1998-01-15 (WO98/01667)
[30] AU (PO 0950) 1996-07-10

[21] **2,259,605**
[13] A1

[51] Int.Cl. 6F4B35/04
[25] EN
[54] LINEAR COMPRESSOR MOTOR
[54] MOTEUR A COMPRESSEUR LINEAIRE
[72] DADD, Michael William, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 1999-01-05
[86] 1997-07-08 (PCT/GB97/01823)
[87] 1998-01-15 (WO98/01674)
[30] GB (9614304.5) 1996-07-08

[21] **2,259,607**
[13] A1

[51] Int.Cl. 6G6F1/16 6G6F1/18 6H5K9/00 6H5K1/02 6H4B15/04
[25] EN
[54] METHOD FOR MINIMIZING RADIO FREQUENCY EMISSIONS FROM PLUG-IN ADAPTER CARDS IN COMPUTER SYSTEMS
[54] PROCEDE DESTINE A REDUIRE AU MINIMUM LES EMISSIONS DE RADIOFREQUENCES PROVENANT DE CARTES ADAPTEURS ENFICHABLES DANS DES SYSTEMES INFORMATIQUES
[72] BARAN, Jozef B., US
[71] AST RESEARCH, INC., US
[85] 1999-01-07
[86] 1997-06-10 (PCT/US97/09981)
[87] 1998-01-22 (WO98/03045)
[30] US (08/678,888) 1996-07-12

[21] **2,259,610**
[13] A1

[51] Int.Cl. 6G6F17/30
[25] EN
[54] METHOD AND APPARATUS FOR CATALOGUING MULTIMEDIA DATA
[54] PROCEDE ET APPAREIL DE CATALOGAGE DE DONNEES MULTIMEDIA
[72] GUSTMAN, Samuel, US
[71] SURVIVORS OF THE SHOAH VISUAL HISTORY FOUNDATION, US
[85] 1999-01-07
[86] 1997-07-08 (PCT/US97/11811)
[87] 1998-01-15 (WO98/01850)
[30] US (08/680,504) 1996-07-08

[21] **2,259,611**
[13] A1

[51] Int.Cl. 6C8G63/183 6C8G63/189 6D1F6/62 6C8G63/88 6B65D1/02 6C8L67/02 6B29B11/14 6C8J5/18
[25] EN
[54] POLYESTER COMPOSITIONS
[54] COMPOSITIONS A BASE DE POLYESTER
[72] PASCHKE, Edward E., US
[72] TIBBITT, James M., US
[72] ROBERTSON, Frank Charles, CH
[72] BAUER, Charles W., US
[71] AMOCO CORPORATION, US
[85] 1999-01-07
[86] 1997-07-10 (PCT/US97/12570)
[87] 1998-01-22 (WO98/02479)
[30] US (60/021,542) 1996-07-11
[30] US (08/850,168) 1997-05-02

[21] **2,259,613**
[13] A1

[51] Int.Cl. 6A43B5/00 6A43B5/04 6A43B5/16
[25] EN
[54] CONNECTING MEANS FOR FOOTWEAR
[54] MOYEN DE LIAISON POUR CHAUSSURE
[72] RACOSKY, Michael D., US
[72] BROWN, Roger J., US
[72] JOSEPH, Mark C., US
[72] GIESE, Erik O., US
[71] COMFORT PRODUCTS LTD., US
[85] 1999-01-08
[86] 1997-06-27 (PCT/US97/11262)
[87] 1998-01-22 (WO98/02057)
[30] US (08/678,900) 1996-07-12

[21] **2,259,614**
[13] A1

[51] Int.Cl. 6F2M25/00
[25] EN
[54] DEVICE FOR IMPROVING THE COMBUSTION OF A FUEL
[54] DISPOSITIF POUR AMELIORER LA COMBUSTION D'UN CARBURANT
[72] SIEGLER-LATHROP, Patrick Jean Georges, FR
[72] BOISSET, Jean-Louis, FR
[71] SIEGLER-LATHROP, Patrick Jean Georges, FR
[71] BOISSET, Jean-Louis, FR
[85] 1999-01-08
[86] 1997-07-08 (PCT/FR97/01235)
[87] 1998-01-15 (WO98/01662)
[30] FR (96/08708) 1996-07-08
[30] FR (97/03870) 1997-03-28

[21] **2,259,615**
[13] A1

[51] Int.Cl. 6C8F8/32 6C7K1/32 6C8L35/00
[25] EN
[54] REMOVAL OF PROTEINS FROM AQUEOUS MEDIA BY PRECIPITATION
[54] ELIMINATION (PAR PRECIPITATION) DE PROTEINES CONTENUES DANS DES MILIEUX AQUEUX
[72] KRUIPEY, John, US
[71] LIGOCHEM, INC., US
[85] 1999-01-08
[86] 1997-06-09 (PCT/US97/09932)
[87] 1998-01-15 (WO98/01482)
[30] US (08/676,668) 1996-07-10

[21] **2,259,620**
[13] A1

[51] Int.Cl. 6F16G11/14 6A62B35/00
[25] EN
[54] GUARDED SNAP HOOK
[54] MOUSQUETON DE SURETE
[72] KLEIN, Richard T., Jr., US
[71] KLEIN TOOLS, INC., US
[85] 1998-12-16
[86] 1997-12-08 (PCT/US97/22660)
[87] 1998-08-06 (WO98/33560)
[30] US (791,993) 1997-01-31

PCT Applications Entering the National Phase

[21] **2,259,622**
[13] A1
[51] Int.Cl. 6G1N27/00 6B42D15/10
6G1R33/12 6H1L39/14
[25] EN
[54] PROCESS FOR PROTECTING
PRODUCTS AGAINST FORGERY BY
MEANS OF MACHINE-READABLE DIS-
TINCTIVE SAFETY FEATURES
[54] PROCEDE POUR PROTEGER DES
PRODUITS CONTRE DES FALSIFICA-
TIONS AU MOYEN DE SIGNES DIS-
TINCTIFS DE SECURITE LISIBLES
PAR MACHINE
[72] PAUGSTADT, Ralf, DE
[71] BUNDESDRUCKEREI GMBH, DE
[85] 1998-12-16
[86] 1997-06-25 (PCT/DE97/01353)
[87] 1998-01-08 (WO98/00298)
[30] DE (196 27 339.0) 1996-06-28

[21] **2,259,624**
[13] A1
[51] Int.Cl. 6F41A17/44
[25] EN
[54] ARRANGEMENT RELATING TO A
WEAPON WITH A BARREL
[54] DISPOSITIF CONCERNANT UNE
ARME A CANON
[72] LINDSKOG, Kjell, SE
[72] FRISTROM, Ola, SE
[71] SQS SECURITY QUBE SYSTEM AB,
SE
[85] 1999-01-06
[86] 1997-07-06 (PCT/SE97/01236)
[87] 1998-01-15 (WO98/01716)
[30] SE (9602731-3) 1996-07-10

[21] **2,259,626**
[13] A1
[51] Int.Cl. 6C8F2/48 6G2B1/04 6C8F220/
30 6C8F220/36
[25] EN
[54] RADIATION CURABLE RESIN
COMPOSITION
[54] COMPOSITION DE RESINE POU-
VANT DURCIR PAR RAYONNEMENT
[72] UKACHI, Takashi, JP
[72] TAKAHASHI, Toshihiko, JP
[72] UKON, Masakatsu, JP
[71] JSR CORPORATION, JP
[71] JAPAN FINE COATINGS CO., LTD.,
JP
[71] DSM N.V., NL
[85] 1999-01-06
[86] 1997-07-07 (PCT/NL97/00388)
[87] 1998-01-15 (WO98/01778)
[30] JP (8/177803) 1996-07-08

[21] **2,259,627**
[13] A1
[51] Int.Cl. 6E5G1/14
[25] EN
[54] METHOD AND DEVICE FOR DE-
STRUCTION OF OBJECTS
[54] PROCEDE ET DISPOSITIF DE DE-
STRUCTION D'OBJETS
[72] LINDSKOG, Kjell, SE
[72] FRISTROM, Ola, SE
[71] SQS SECURITY QUBE SYSTEM AB,
SE
[85] 1999-01-06
[86] 1997-07-06 (PCT/SE97/01237)
[87] 1998-01-15 (WO98/01646)
[30] SE (9602732-1) 1996-07-10

[21] **2,259,631**
[13] A1
[51] Int.Cl. 6H1L29/788
[25] EN
[54] FLOATING GATE MEMORY CELL
WITH CHARGE LEAKAGE PREVEN-
TION
[54] CELLULE MEMOIRE A GRILLE
FLOTTANTE PREVENANT LES
FUITES DE CHARGES
[72] LARSEN, Bradley J., US
[72] WU, Tsung-Ching, US
[71] ATMEL CORPORATION, US
[85] 1999-01-06
[86] 1998-04-30 (PCT/US98/08709)
[87] 1998-11-12 (WO98/50960)
[30] US (08/853,691) 1997-05-09

[21] **2,259,634**
[13] A1
[51] Int.Cl. 6H1M4/68
[25] EN
[54] ALLOYS FOR POSITIVE ELEC-
TRODE GRIDS OF LEAD-ACID BAT-
TERIES
[54] ALLIAGES POUR GRILLES A EF-
FET D'ELECTRODE POSITIVE D'AC-
CUMULATEURS AU PLOMB
[72] FERES, Fred F., US
[72] ANDERSON, Carl J., US
[71] EXIDE CORPORATION, US
[85] 1998-12-17
[86] 1998-03-19 (PCT/US98/05276)
[87] 1998-10-29 (WO98/48468)
[30] US (08/839,302) 1997-04-18

[21] **2,259,638**
[13] A1
[51] Int.Cl. 6E21B23/00 6F24J3/08
[25] EN
[54] APPARATUS AND METHOD FOR
INSTALLING A PIPE IN A WELLBORE
[54] APPAREIL ET PROCEDE POUR
L'INSTALLATION D'UN TUYAU DANS
UN Puits
[72] AMERMAN, Thomas Robert, US
[71] AMERMAN, Thomas Robert, US
[85] 1998-12-18
[86] 1996-09-11 (PCT/GB96/02244)
[87] 1997-03-20 (WO97/10480)
[30] US (08/527,114) 1995-09-12

[21] **2,259,643**
[13] A1
[51] Int.Cl. 6B65H71/00 6C3B37/12
6B65H54/20 6B65H54/30 6B65H54/52
[25] EN
[54] METHOD AND APPARATUS FOR
LUBRICATING A WINDING APPARA-
TUS AND WINDING APPARATUS
[54] PROCEDE ET APPAREIL DE LUB-
RIFICATION POUR APPAREIL D'EN-
ROULEMENT ET APPAREIL
D'ENROULEMENT
[72] SMITH, Roy E., US
[71] OWENS CORNING, US
[85] 1999-01-06
[86] 1997-07-07 (PCT/US97/11935)
[87] 1998-01-22 (WO98/02375)
[30] US (08/683,014) 1996-07-16
[30] US (08/680,083) 1996-07-16

[21] **2,259,645**
[13] A1
[51] Int.Cl. 6B65D5/43 6A61J1/03 6B65D5/
08
[25] EN
[54] CARTON AND BLANK FOR FORM-
ING THE SAME
[54] BOITE PLIANTE ET EBAUCHE
POUR SA FORMATION
[72] NY, Magnus, SE
[72] GRÜNFELD, Tina, SE
[71] ASTRA AKTIEBOLAG, SE
[85] 1999-01-06
[86] 1997-06-27 (PCT/SE97/01162)
[87] 1998-01-22 (WO98/02357)
[30] SE (9602762-8) 1996-07-12

Demandes PCT entrant en phase nationale

[21] **2,259,646**

[13] A1

[51] **Int.Cl. 6B65H54/30 6B65H54/52
6D3D15/00 6D2G1/00 6D2G3/00 6B65H55/
02 6B65H55/04 6C3B37/12 6D3D47/30**

[25] EN

[54] **A STRAND**

[54] **TORON**

[72] FAZIO, Michael B., US

[72] CHASE, Kenneth P., US

[72] HUEY, Larry J., US

[72] SMITH, Roy E., US

[72] COAKLEY, Thomas A., US

[71] OWENS CORNING, US

[85] 1999-01-06

[86] 1997-07-07 (PCT/US97/11859)

[87] 1998-01-22 (WO98/02374)

[30] US (08/683,005) 1996-07-16

[30] US (08/683,015) 1996-07-16

[30] US (08/683,016) 1996-07-16

[30] US (08/683,017) 1996-07-16

[30] US (08/683,073) 1996-07-16

[21] **2,259,648**

[13] A1

[51] **Int.Cl. 6G1N1/00 6G1N35/02 6G1N30/
04 6G1N1/28 6G1N33/68**

[25] EN

[54] **CHEMICAL SAMPLE TREAT-
MENT CASSETTE AND METHODS**

[54] **CASSETTE ET PROCEDES POUR
LE TRAITEMENT CHIMIQUE
D'ECHANTILLONS**

[72] HORN, Marcus J., US

[71] AMERSHAM PHARMACIA BIO-
TECH AB, SE

[85] 1999-01-06

[86] 1997-07-07 (PCT/US97/11828)

[87] 1998-01-29 (WO98/03264)

[30] US (08/679,355) 1996-07-09

[21] **2,259,651**

[13] A1

[51] **Int.Cl. 6B65H27/00**

[25] EN

[54] **WINDING ARRANGEMENT FOR A
WEB OF PAPER OR THE LIKE, A
DRUM FOR THIS PURPOSE AND A
METHOD FOR THE MANUFACTURE
OF THE SAME**

[54] **SYSTEME D'ENROULEMENT
POUR UNE BANDE DE PAPIER OU SIM-
ILAIRE, ROULEAU PORTEUR POUR
CE SYSTEME ET PROCEDE DE FABRI-
CATION DE CES DERNIERS**

[72] DÖRFEL, Walter, DE

[71] BELOIT TECHNOLOGIES, INC., US

[85] 1999-01-06

[86] 1997-07-10 (PCT/EP97/03647)

[87] 1998-01-15 (WO98/01382)

[30] DE (196 27 677.2) 1996-07-10

[21] **2,259,653**

[13] A1

[51] **Int.Cl. 6H4N5/232 6G3B19/18**

[25] EN

[54] **DEVICE FOR CONTROLLING,
REGULATING AND MONITORING A
MOTION-PICTURE CAMERA**

[54] **DISPOSITIF DE COMMANDE, DE
REGLAGE ET DE CONTROLE D'UNE
CAMERA CINEMATOGRAPHIQUE**

[72] TSCHIDA, Ernst, AT

[72] KOPPETZ, Michael, DE

[72] TRAUNINGER, Walter, AT

[71] ARNOLD & RICHTER CINE TECH-
NIK GMBH & CO. BETRIEBS KG, DE

[85] 1999-01-06

[86] 1997-07-14 (PCT/DE97/01518)

[87] 1998-01-22 (WO98/02778)

[30] DE (196 29 484.3) 1996-07-12

[21] **2,259,659**

[13] A1

[51] **Int.Cl. 6G1R31/302 6H1L21/66**

[25] EN

[54] **AUTOMATIC SEMICONDUCTOR
WAFER SORTER/PROBER WITH EX-
TENDED OPTICAL INSPECTION**

[54] **DISPOSITIF SERVANT A IN-
SPECTER ET TRIER DES TRANCHES A
SEMI-CONDUCTEUR ET PERMET-
TANT D'EFFECTUER UN CONTROLE
OPTIQUE AMELIORE**

[72] CHAPMAN, Robert L., US

[72] FREDRIKSEN, T. Roland, US

[71] SCANIS, INC., US

[85] 1999-01-06

[86] 1997-07-07 (PCT/US97/11862)

[87] 1998-01-15 (WO98/01745)

[30] US (60/022,701) 1996-07-09

[21] **2,259,660**

[13] A1

[51] **Int.Cl. 6B1D53/047**

[25] EN

[54] **METHOD FOR THE ADSORPTIVE
SEPARATION OF AIR**

[54] **PROCEDE DE SEPARATION AD-
SORBANTE D'AIR**

[72] REIB, Gerhard, DE

[72] AMLINGER, Heinrich, DE

[71] BAYER AKTIENGESellschaft, DE

[71] SGI PROZESSTECHNIK GMBH, DE

[85] 1999-01-05

[86] 1997-07-01 (PCT/EP97/03434)

[87] 1998-01-15 (WO98/01215)

[30] DE (196 27 422.2) 1996-07-08

[21] **2,259,662**

[13] A1

[51] **Int.Cl. 6H2M3/335**

[25] EN

[54] **OSCILLATOR VOLTAGE REGU-
LATOR**

[54] **REGULATEUR DE TENSION POUR
OSCILLATEUR**

[72] KISER, Joseph H., US

[71] VARI-L COMPANY, INC., US

[85] 1999-01-05

[86] 1997-05-07 (PCT/US97/07764)

[87] 1998-01-22 (WO98/02956)

[30] US (08/680,037) 1996-07-15

[21] **2,259,664**

[13] A1

[51] **Int.Cl. 6G1M17/02 6B60C25/00**

[25] EN

[54] **APPARATUS AND METHOD FOR
TIRE CONDITION ASSESSMENT**

[54] **APPAREIL ET PROCEDE D'EVAL-
UATION DE L'ETAT D'UN PNEU**

[72] JONES, Barbara L., GB

[72] STOLLERY, David, GB

[72] DAVIS, Stephen J., GB

[72] HAWKINS, Marcus J., GB

[71] SUN ELECTRIC U.K. LIMITED, GB

[85] 1998-12-30

[86] 1997-07-03 (PCT/IB97/01100)

[87] 1998-01-15 (WO98/01721)

[30] GB (9614025.6) 1996-07-04

[30] GB (9614591.7) 1996-07-11

[30] GB (9618397.5) 1996-09-04

[30] GB (9624309.2) 1996-11-22

[30] GB (9708779.5) 1997-05-01

[30] GB (9709841.2) 1997-05-16

PCT Applications Entering the National Phase

[21] **2,259,667**
[13] A1
[51] **Int.Cl. 6B27K3/36 6B27K3/02**
[25] EN
[54] **METHYL ISOTHIOCYANATE-BASED WOOD-PRESERVING COMPOSITION AND ITS USE**
[54] **COMPOSITION DE CONSERVATION DU BOIS A BASE D'ISOTHIOCYANATE DE METHYLE ET SON UTILISATION**
[72] WERLE, Peter, DE
[72] MOHN, Udo, DE
[72] PAHLING, Werner, DE
[71] MANUFACTURE LANDAISE DE PRODUITS CHIMIQUES, FR
[85] 1999-01-06
[86] 1997-07-02 (PCT/EP97/03478)
[87] 1998-01-15 (WO98/01270)
[30] DE (196 27 266.1) 1996-07-06

[21] **2,259,668**
[13] A1
[51] **Int.Cl. 6B23Q15/24 6B26D7/26 6B31B49/00 6B23Q16/00**
[25] EN
[54] **TOOL HEAD POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE TETE PORTE-OUTILS**
[72] LARKIN, Barry E., US
[72] RUTHENBERG, Meyer L., US
[71] UNITED CONTAINER MACHINERY, INC., US
[85] 1999-01-06
[86] 1997-04-16 (PCT/US97/06514)
[87] 1998-01-15 (WO98/01290)
[30] US (08/678,555) 1996-07-08

[21] **2,259,682**
[13] A1
[51] **Int.Cl. 6B24D3/18**
[25] EN
[54] **HIGH PERMEABILITY GRINDING WHEELS**
[54] **MEULES A PERMEABILITE ELEVEE**
[72] CARMAN, Lee A., US
[72] CORBIN, Normand D., US
[72] FOX, Stephen E., US
[72] ELLINGSON, Thomas, US
[72] WU, Mianxue, US
[71] NORTON COMPANY, US
[85] 1999-01-04
[86] 1997-06-23 (PCT/US97/10687)
[87] 1998-02-05 (WO98/04386)
[30] US (08/687,884) 1996-07-26

[21] **2,259,684**
[13] A1
[51] **Int.Cl. 6A47J43/28**
[25] EN
[54] **COLLAPSIBLE BARBECUE TOOLS**
[54] **USTENSILES PLIABLES POUR BARBECUE**
[72] WINIGRAD, Daniel, US
[72] ANCONA, Bruce E., US
[72] STEIN, Douglas W., US
[71] EKCO HOUSEWARES, INC., US
[85] 1999-01-05
[86] 1997-07-07 (PCT/US97/11867)
[87] 1998-02-05 (WO98/04175)
[30] US (08/681,775) 1996-07-29

[21] **2,259,688**
[13] A1
[51] **Int.Cl. 6B1D33/067**
[25] EN
[54] **AN APPARATUS FOR FILTERING LIQUIDS**
[54] **APPAREIL DE FILTRATION DE LIQUIDES**
[72] FRYKHULT, Rune H., SE
[71] NORDIC WATER PRODUCTS AB, SE
[85] 1999-01-05
[86] 1997-07-10 (PCT/SE97/01257)
[87] 1998-01-15 (WO98/01206)
[30] SE (9602726-3) 1996-07-10

[21] **2,259,689**
[13] A1
[51] **Int.Cl. 6B41F9/10 6B41F15/44 6B41F31/02**
[25] EN
[54] **SOFT DOCTORING CUP**
[54] **CELLULE DE RACLAGE SOUPLE**
[72] SCHEUHING, Robert B., US
[71] MARKEM CORPORATION, US
[85] 1999-01-05
[86] 1997-07-09 (PCT/US97/12435)
[87] 1998-01-22 (WO98/02310)
[30] US (08/679,527) 1996-07-12

[21] **2,259,690**
[13] A1
[51] **Int.Cl. 6B65D51/18 6B65D43/16**
[25] EN
[54] **A PACKAGE WITH A CLOSING DEVICE**
[54] **EMBALLAGE AVEC DISPOSITIF DE FERMETURE**
[72] LUNDIN, Lars, SE
[71] LUNDIN, Lars, SE
[85] 1999-01-05
[86] 1997-06-06 (PCT/SE97/00996)
[87] 1998-01-22 (WO98/02364)
[30] SE (9602783-4) 1996-07-15

[21] **2,259,691**
[13] A1
[51] **Int.Cl. 6B1J19/08 6C23C16/00**
[25] EN
[54] **ELECTRICALLY ASSISTED SYNTHESIS OF PARTICLES AND FILMS WITH PRECISELY CONTROLLED CHARACTERISTICS**
[54] **SYNTHESE ASSISTEE ELECTRIQUEMENT DE PARTICULES ET DE FILMS AUX CARACTERISTIQUES DEFINIES AVEC PRECISION**
[72] VEMURY, Srinivas, US
[72] PRATSINIS, Sotiris E., US
[71] THE UNIVERSITY OF CINCINNATI, US
[85] 1999-01-05
[86] 1997-07-10 (PCT/US97/12006)
[87] 1998-01-22 (WO98/02241)
[30] US (60/021,563) 1996-07-11

[21] **2,259,692**
[13] A1
[51] **Int.Cl. 6B23K35/24 6F17C3/08**
[25] EN
[54] **VACUUM INSULATION VESSELS AND METHODS OF MAKING SAME**
[54] **RECIPIENTS D'ISOLATION PAR LE VIDE ET LEURS PROCEDES DE FABRICATION**
[72] RUSEK, Stanley J., Jr., US
[72] HALL, Herbert L., Jr., US
[72] PARKS, Jerry M., US
[71] OWENS CORNING, US
[85] 1999-01-05
[86] 1997-07-02 (PCT/US97/11763)
[87] 1998-01-29 (WO98/03298)
[30] US (08/685,722) 1996-07-24

Canadian Laid-Open Applications Previously Unavailable for Publishing

Demandes canadiennes mises à la disponibilité du public non disponible auparavant pour publication

[21] **2,212,085**
[13] A1
[51] Int.Cl. 6A63C17/14
[25] EN
[54] **REMOVABLE OR BUILT-IN FRONT BRAKE DEVICE FOR INLINE SKATES**
[54] **SYSTEME DE FREIN FRONTAL INCORPORE OU AMOVIBLE POUR PATINS A ROUES ALIGNEES**
[72] HARDY, Stephane, CA
[71] HARDY, Stephane,
[22] 1997-09-04
[43] 1999-03-04

[21] **2,213,435**
[13] A1
[51] Int.Cl. 6A1K1/01
[25] FR
[54] **FILTRE MINETTO FILTER**
[54] **FILTRE MINETTO FILTER**
[72] GAUVIN, Daniel N., CA
[71] GAUVIN, Daniel N.,
[22] 1997-08-28
[43] 1999-02-28

[21] **2,214,279**
[13] A1
[51] Int.Cl. 6E1B9/00
[25] EN
[54] **RAIL FASTENER**
[54] **AGRAFE POUR RAIL**
[72] IGWEMEZIE, Jude O., CA
[71] IGWEMEZIE, Jude O.,
[22] 1997-08-29
[43] 1999-02-28

[21] **2,255,396**
[13] A1
[51] Int.Cl. 6C12N15/15 6C12N1/21 6C12N15/55 6C12N15/62 6C12N15/70 6C7K14/815
[25] EN
[54] **HIRUDIN ANALOG, METHOD OF MANUFACTURING THEREOF AND ANTI-COAGULANT COMPOSITION, AND SECRETION VECTOR, TRANSFORMED MICROORGANISMS CONTAINING SAID VECTOR AND MANUFACTURING METHOD OF PRODUCTS WHICH IS PRODUCED FROM SAID MICROORGANISM**
[54] **ANALOGUE DE L'HIRUDINE, METHODE DE FABRICATION DE CELLE-CL, COMPOSITION ANTICOAGULANTE ET VECTEUR DE SECRETION, MICROORGANISMES TRANSFORMES CONTENANT LEDIT VECTEUR ET METHODE DE FABRICATION DE PRODUITS, PRODUITE A PARTIR DUDIT MICROORGANISME**
[72] MISAWA, Satoru, JP
[72] FURUYA, Hideyuki, JP
[72] INOUE, Yoshifumi, JP
[72] MATSUDA, Hitoshi, JP
[71] JAPAN ENERGY CORPORATION,
[22] 1991-11-08
[43] 1992-05-09
[62] 2,072,375
[30] JP (30396/1990) 1990-11-08
[30] JP (41271/1991) 1991-02-13

[21] **2,255,442**
[13] A1
[51] Int.Cl. 6B21B15/00 6B23K13/01 6B23K31/02 6B21B1/26
[25] EN
[54] **METHOD AND APPARATUS FOR JOINING METAL PIECES**
[54] **PROCEDE ET APPAREIL D'ASSEMBLAGE DE PIECES METALLIQUES**
[72] HASHIMOTO, Michio, JP
[72] HAYASHI, Kanji, JP
[72] AMANUMA, Shuji, JP
[72] NAKANO, Hiroyuki, JP
[72] NITTA, Junzo, JP
[72] MORIMOTO, Kazuo, JP
[72] ISOYAMA, Shigeru, JP
[72] YAMASAKI, Takahiro, JP
[72] TAKASHIMA, Norio, JP
[72] NIKAIIDO, Hideyuki, JP
[72] TAMURA, Nozomu, JP
[72] AMAGASA, Toshiaki, JP
[72] TAKECHI, Toshisada, JP
[72] KURODA, Akio, JP
[72] YAMADA, Hirosuke, JP
[72] OSADA, Masashi, JP
[72] MAEDA, Fumihiko, JP
[72] MIYAMOTO, Kunio, JP
[72] EGUCHI, Toshinobu, JP
[72] SAKAMOTO, Hideo, JP
[72] HIRABAYASHI, Takeshi, JP
[72] MITO, Yoshiki, JP
[72] WAKAMOTO, Ikuro, JP
[72] TSURUSAKI, Kazuya, JP
[71] MITSUBISHI DENKI KABUSHIKI KAISHA,
[71] MITSUBISHI JUKOGYO KABUSHIKI KAISHA,
[71] KAWASAKI STEEL CORPORATION,
[22] 1994-12-15
[43] 1995-06-22
[62] 2,156,195
[30] JP (5-316,751) 1993-12-16
[30] JP (5-328,733) 1993-12-24
[30] JP (6-135,740) 1994-06-17

Canadian Laid-Open Applications Previously Unavailable for Publishing

[21] **2,258,444**

[13] A1

[51] **Int.Cl. 6F25C3/04**

[25] EN

[54] **SNOW GUN FOR MAKING ARTIFICIAL SNOW**

[54] **CANON A NEIGE**

[72] McKINNEY, Vernon Lorne, CA

[71] McKINNEY, Vernon Lorne,

[22] 1995-10-30

[43] 1997-05-01

[62] 2,161,720

[30] CA (2,161,720) 1995-10-30

[21] **2,259,044**

[13] A1

[51] **Int.Cl. 6F16C27/00 6F16F15/02
6G1V7/02**

[25] EN

[54] **FLEXURAL PIVOT BEARING**

[54] **CRAPAUDINE DE FLEXION**

[72] BUCKINGHAM, Michael Joslin, AU

[72] VAN KANN, Frank Joaschim, AU

[71] RTZ MINING AND EXPLORATION
LTD.,

[71] THE UNIVERSITY OF WESTERN
AUSTRALIA,

[22] 1989-12-20

[43] 1990-06-20

[62] 2,006,145

[30] AU (203488) 1988-12-20

[21] **2,259,633**

[13] A1

[51] **Int.Cl. 6A61B6/00 6A61B6/04**

[25] EN

[54] **IMPROVED MOBILE X-RAY APPARATUS**

[54] **APPAREIL DE RADIOGRAPHIE
MOBILE**

[72] DEFRIETAS, Kenneth F., US

[72] PELLEGRINO, Anthony J., US

[72] SCHUTZ, Richard F., US

[72] LYKE, Daniel N., US

[71] THERMOTREX CORPORATION,

[22] 1994-11-25

[43] 1995-05-27

[62] 2,136,708

[30] US (08/158,625) 1993-11-26

Index of Canadian Patents Issued

April 20, 1999

Index des brevets canadiens délivrés

le 20 avril, 1999

Acheson, Jeffrey J.	2,084,829	Basf Corporation	2,139,010	Carolan, Michael Francis	2,104,819
AGRICULTURAL RESEARCH ORGANIZATION, MINISTRY OF AGRICULTURAL, STATE OF I	2,113,229	BAUER INC.	2,084,829	Castell, Robin T.	2,147,120
Air Products and Chemicals, Inc.	2,061,463	Bauman, Ronald H.	2,054,817	Ceca S.A.	2,135,042
Air Products and Chemicals, Inc.	2,062,488	Baur, Richard	2,139,010	Cecco, Valentino S.	2,076,205
Air Products and Chemicals, Inc.	2,104,819	BAYER AKTIENGESELLSCHAFT	2,003,107	Chang, Peter J. Y.	2,166,732
Alberth, William P., Jr.	2,160,750	BAYER AKTIENGESELLSCHAFT	2,006,797	Chapin, Robert M.	2,154,498
Alcatel Cit	2,079,761	BAYER CORPORATION	2,125,806	Chewning, Ward Manning III	2,159,644
Alcatel Cit	2,101,015	Becker, Richard Alan	2,017,969	Chiller, Martin Steven	2,153,906
Alcatel N.V.	2,069,242	Becton, Dickinson and Company	2,115,197	Cignetti, Nicholas P.	2,105,246
Alcatel N.V.	2,125,266	Becton, Dickinson and Company	2,128,038	Clancy, John M.	2,075,435
ALCATEL TELSPACE	2,087,001	BELLSOUTH CORPORATION	2,159,644	Clancy, Joseph S.	2,075,435
Allelix Biopharmaceuticals Inc.	2,188,798	Benton, Richard Coy, Jr.	2,117,235	Clark, Andrew C.	2,147,120
Allen, Jonathan Brandon	2,136,365	Berger, Harald	2,083,129	Clem, Kenneth Ray	2,143,826
Ambalavanar, Samuel D.	2,154,498	Bergman, Norman J.	2,003,701	Cochran, Keith D.	2,120,618
American Telephone and Telegraph Company	2,017,969	Best, Willie H.	2,116,906	Coello Vera, Augustin	2,125,266
American Telephone and Telegraph Company	2,092,333	Beuchat, Charles E.	2,157,935	Coles, Peter	2,150,366
American Telephone and Telegraph Company	2,117,451	Bier, Eric A.	2,124,606	COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE	2,149,054
American Telephone and Telegraph Company	2,136,365	Birtcher Medical Systems, Inc.	2,157,935	COMPAQ COMPUTER CORPORATION	2,147,120
American Telephone and Telegraph Company	2,153,906	Bissonnette, Claude	2,109,772	COPEAUX DE LA VALLÉE	2,186,098
Ando, Hiromitsu	2,190,748	Black, Gerald	2,084,829	Copes-Vulcan, Inc.	2,172,536
Andrew, Rodger John	2,002,971	Blakely, Lawrence W.	2,031,196	Corbin Russwin, Inc.	2,053,167
Aoki, Susumu	2,038,719	Blanchard, Clarence E.	2,131,347	Corbin Russwin, Inc.	2,053,202
Aretz, Werner	1,340,504	Blau, Reed J.	2,167,389	Corbin Russwin, Inc.	2,053,205
Armco Steel Company, L.P.	2,052,849	Blau, Reed J.	2,181,543	Cornelia Textiles, Inc.	2,134,719
Armstrong, Robert N.	2,084,354	Blomberg, Scott E.	2,136,236	Corovin GmbH	2,150,366
Arntz, Dietrich	2,182,756	Blonder, Greg E.	2,117,451	Coulter Corporation	2,128,230
Artunian, Tom	2,140,731	BOC Group Inc. (The)	2,040,348	Coulter, Don	2,128,661
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	1,340,503	BODENSEEWERK		Coulter, Peter Iain	2,153,906
Asai, Hideyuki	2,044,267	GERÄTETECHNIK GmbH	2,120,326	Craig, W. Scott	2,131,347
Asai, Noriaki	2,038,719	Boich, Heinz-Horst	2,150,366	Crooker, Richard M.	2,077,605
ASTROFLEX INC.	2,105,426	Bonnet, Henri	2,146,751	Cullen, Lorri D.	2,087,410
ASTROFLEX INC.	2,139,073	BORDEN CHEMICAL, INC.	1,340,508	Dana Corporation	2,003,642
AT&T Corp.	2,160,284	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC.	2,133,649	Daniele, Joseph J.	2,129,075
AT&T Corp.	2,165,704	BOYER, INC.	2,188,102	Dasys, Andrew	2,125,375
AT&T Corp.	2,169,102	Boyer, Mark L.	2,188,102	Datalogic Corporation	2,152,080
Aucoin, Paul Gerrard	2,171,031	Brendeng, Einar	2,184,285	Davenport, Esther Lee	2,169,102
AUTOLIV ASP, INC.	2,148,979	Brewster, William H., Jr.	2,136,670	Davenport, John M.	2,034,378
Azbar Inc.	2,135,904	Broadway Companies, Inc.	2,138,199	De La Poterie, Valérie	2,124,290
B & J Manufacturing Company	2,130,363	Brown, Gerald W.	2,129,909	Deere & Company	2,152,840
Baldrige, Ronald L.	2,147,120	Brown, Henry F.	2,183,365	Deere & Company	2,161,570
Balzeau, Pascal	2,097,778	Burgess, Vincent James	2,157,935	Deere & Company	2,167,231
Banks, Bernard Joseph	2,165,806	Burns, Elaine Golda	2,169,102	Deere & Company	2,171,031
Barber, Joseph W.	2,176,610	Burns, James A.	2,115,197	Degremont	2,006,237
Basf Corporation	2,084,354	Burshteyn, Alexander	2,128,230	Degussa Aktiengesellschaft	2,182,756
Basf Corporation	2,120,289	Byatt, John Christopher	1,340,505	Dekumbis, Roger	2,128,143
		Callaway Golf Company	2,111,272	Dell, Winfried	2,006,797
		Camas International, Inc.	2,119,653	Demurger et Cie	2,045,570
		Campbell, Carey V.	2,147,624	Demurger, Jean-Pierre	2,045,570
		Canevazzi, Giuliano	2,038,211	Denton, Donald R.	2,054,817
		Carbonetti, Nicholas H.	1,340,506	DeRose, Anthony	2,124,606

Index of Canadian Patents Issued April 20, 1999

Derrah, Russell I.	2,120,618	Gagné, Éric	2,186,098	Herrmann, Josef	2,164,771
Dery, Normand	2,105,426	Gaiser, William R.	2,138,199	Herwig, Warren E.	2,149,678
Dery, Normand	2,139,073	Gajer, Nandor	2,107,408	Heubner, Ulrich	2,157,847
Desai, Manoj C.	2,124,990	Gaudin, Marie-Pierre	2,006,237	Hewlett-Packard Company	2,095,018
Destouesse, Claude	2,087,001	Gay, Raymond W.	2,104,357	Hicks, Bradford Wallace	2,003,642
Deutsch, Josef	2,141,918	GE Fanuc Automation North America, Inc.	2,012,249	Hieb, Martin G.	2,136,236
Deygout, Jacques	2,087,001	Geltosky, Jack	1,340,509	Higo, Yuichi	2,079,336
DIAMETRICS MEDICAL, INC.	2,136,236	General Electric Company	2,034,378	Hill, Terrance Reid	2,115,280
DIGITAL SECURITY CONTROLS LTD.	2,111,929	General Kinematics Corporation	2,007,825	Hinshaw, Jerald C.	2,167,389
DiGiulio, Peter C.	2,003,701	Geoffroy, Louis	2,125,375	Hinshaw, Jerald C.	2,181,543
Doll, Daniel W.	2,181,543	Gianakos, Arthur	2,072,605	Hirano, Munehiko	2,116,524
Dollat, Jean-Marie	2,120,290	Giannini, Dennis A.	2,183,365	Hisamitsu Pharmaceutical Co., Inc.	2,116,524
Dorn, Reimund	2,069,242	Giat Industries	2,072,979	Hodan, John A.	2,084,354
Drouin, André	2,125,375	Gilet, Marc	2,006,237	HOECHST AKTIENGESSELLSCHAFT	1,340,504
Dubé, Serge	2,151,428	Girmay, Girmay, K.	2,070,712	Hogans-Owens, Anita	2,159,644
Dufour, Pascal	2,135,042	Glennon, Richard A.	2,188,798	Holland, Arthur	2,146,370
Dumont, Françoise Ghislaine	2,147,645	Goad, C. Dean	2,064,661	Holland, Richard J.	2,139,010
Dupin, William W.	2,054,817	Goo, Bon-jeong	2,124,913	Höpp, Mathias	2,182,756
Dyer, Paul Nigel	2,104,819	Goto, Kenji	2,190,748	Hormel Foods Corporation	2,136,475
Dykes, Don A.	2,147,120	Gravier, Michel	2,002,334	Hoshizaki, T. Blaine	2,084,829
ECO-SNOW SYSTEMS INC.	2,077,463	Greif Bros. Corporation	2,104,357	Howe, Michael A.	2,031,196
Eda, Akira	2,095,019	Grewe, Anthony James	2,165,704	Hoyt, Raymond Earl, III	2,140,731
Eick, Stephen G.	2,017,969	Grogler, Gerhard	2,003,107	Huang, Victor T.	2,087,410
Elf Atochem North America, Inc.	2,077,605	GTE LABORATORIES INCORPORATED	2,058,113	Huang, Yao-Jyh Robert	2,143,826
Elrod, Scott A.	2,051,204	Guiney, Kathleen M.	2,139,010	Huff, Bob E.	2,174,393
Elsheikh, Maher Y.	2,077,605	Gupta, Harish C.	2,151,668	HUGHES MISSILE SYSTEMS COMPANY	2,176,610
ENDO TECHNIC CORPORATION	2,055,526	Gutman, Edward J.	2,041,910	Hunt, Robin L.	2,126,558
Engin, Doruk	2,176,610	Haack, John L.	2,041,910	Ichim, Thomas E.	2,192,602
Ensor, Myra L.	2,165,704	Habermehl, G. Lyle	2,161,591	Ichitsuka, Takeshi	1,340,503
Esco Corporation	2,076,019	Haberzettl, Cecelia	1,340,509	Igarashi, Kyoya	2,190,748
Eskelinen, Juhani	2,007,132	Hachiya, Seio	2,079,336	Iijima, Motoki	2,044,267
Essary, William A.	2,128,246	Hackett, Bruce Alfred	2,115,280	ILLINOIS TOOL WORKS INC.	2,151,668
Etherington, Roger F.	2,157,935	Hadasit Medical Research Services & Development Company Ltd.	2,113,229	IMC AgriBusiness Inc.	2,120,618
Evans, James Gifford	2,160,284	HADEN SCHWEITZER CORPORATION	2,116,906	IMPERIAL CHEMICAL INDUSTRIES PLC	2,091,383
Evans, Steven L.	2,124,090	Hag, Mohammed A.	2,053,205	Inductotherm Corp.	2,105,246
EXXON RESEARCH AND ENGINEERING COMPANY	2,143,826	Hall, Charles B.	2,131,347	Inoue, Akito	2,017,736
Farrell, Peter Jeffrey	2,097,622	Halliburton Logging Services, Inc.	2,084,836	Inoue, Masahide	1,340,503
Fetcenko, Michael A.	2,146,370	Halsnes, Odd	2,156,818	Interface, Inc.	2,031,196
Fine, Stephen Mark	2,104,819	Hamada, Kenjiro	2,152,565	Iorfino, Anthony	2,155,197
Fisher, Dan E.	2,154,878	Hamano, Takashi	2,073,120	IPSCO INC.	2,164,779
Fishkin, Kenneth P.	2,124,606	Hammer, John F.	2,134,719	Isota, Yoji	2,183,942
Forsvarets Forskningsinstitut	2,156,818	Hansler, Richard L.	2,034,378	Ito, Atsushi	1,340,507
Foster, Raymond Keith	2,118,971	Hardison, Leslie C.	2,065,546	Iyer, S. Raja	1,340,508
Fowler, Donald W.	2,133,568	Harmuth, Harald	2,141,918	Jackson, Warren B.	2,051,204
Fox, David	2,125,806	Harvey, John	2,124,090	Jain, Ravi	2,040,348
Franklin, Daniel L.	2,136,475	Hauck, Jerry L.	2,140,731	James River Corporation of Virginia	2,127,311
Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H.	2,155,479	Hauser, Scott David	1,340,505	Jammes Industrie S.A.	2,002,334
Fraser, Paul Etienne	2,103,500	Havira, Robert Mark	2,155,197	Jankiewicz, Tony	2,176,610
Frazier, Allen L.	2,095,018	Hayashibe, Yutaka	2,043,349	Janssen, John J.	2,160,750
FRESENIUS AG	2,164,771	HEIDELBERGER DRUCKMASCHINEN AG	2,172,654	Japan Tobacco, Inc.	2,124,090
Frisk, Peter	2,007,483	Heikkinen, Jukka	2,007,132	Jean, Alain	2,105,426
Frumusa, Anthony M.	2,154,498	Heilmann, Klaus	2,164,771	Jean, Alain	2,139,073
Fuji Oil Co., Ltd.	2,115,145	Heindl, Roland	2,141,918	Jeffs, Christopher S.	2,091,383
FUJITSU LIMITED	2,073,120	Heine, Hans G.	2,105,246	Jensen, Wayne E.	2,130,363
Fukaya, Suet	2,036,340	Helit, Thomas M.	2,136,670	Jessen, Claus	2,164,771
Fukuda, Michio	2,038,719	Helmstetter, Richard C.	2,111,272	Jonas, Jörn M.	2,184,285
Fukushima, Tomoaki	2,183,942	Henion, Scott Gregory	2,117,235	Jones, Darren F.	2,076,019
Fung, Shun Chong	2,143,826	Henkes, John L.	2,034,378	Jones, Randall L.	2,147,120
Furuta, Hitoshi	2,115,145	Herreid, Richard M.	2,136,475	Juneau, Michael P.	2,127,311
Fuzzzen, Daniel Robert	2,171,031			Kabushiki Kaisha Toshiba	2,117,862
				Kaczmarczyk, Edward Ted	2,171,031

**Index des brevets canadiens délivrés
le 20 avril, 1999**

Kageyama, Atsuhisa	2,069,366	Lowe, Terry Lee	2,161,570	Motte, Alain	2,006,237
Kakishima, Hiroyuki	2,143,244	Lund, Gary K.	2,181,543	Muller, Arno	2,137,511
Kamiya, Magonori	2,044,267	Lynch, Terence B.	2,120,618	Muller, Eric	2,125,266
Kani, Akira	2,044,267	L'Oréal	2,097,778	Munson, Gary A.	2,169,102
Kao, Jar-lin	2,143,826	L'ORÉAL	2,124,290	Murakami, Nobuaki	2,190,748
Kawabe, Takashi	2,190,748	Mac Neil, David I.	2,107,408	MURATA MANUFACTURING	
Kawahata, Kazunari	2,186,807	MacKay, James F.	2,152,080	CO., LTD.	2,186,807
Kerschner, Laurie E.	2,087,410	Maeda, Hirokazu	2,115,145	Musket System Design and Con-	
Kersten, Peter	2,069,242	Mailhot, Guy	2,105,426	trol Inc.	2,178,762
Kickuth, Reinhold	2,164,682	MAJESTY (HER) IN RIGHT OF		Musket System Design and Con-	
Kido, Tsutomu	2,121,859	CANADA AS REPRESENTED BY THE		trol Inc.	2,178,763
Kikuchi, Naoya	2,044,267	ATOMIC ENERGY OF	2,076,205	Mycogen Corporation	2,124,090
Kim, Seong-tae	2,124,913	Mäkinen, Jukka	2,078,102	Myers, David J.	2,147,624
Kirby, Kevin W.	2,176,610	MAN Roland Druckmaschinen		Nagel, Paul E.	2,147,120
Klein, Lisa C.	2,133,755	AG	2,041,116	Nagler, Arnon	2,113,229
Klomsdorf, Armin	2,160,750	MAN ROLAND DRUCKM-		Nakagawa, Akira	2,116,524
Knott, Wilfried	2,150,841	ASCHINEN AG	2,129,891	Nakagawa, Tanehiro	2,063,973
Knudsen, Henrik M.	2,051,380	Mannio, Aaron	2,007,132	Nakamura, Asako	2,073,397
Kodama, Hirotugu	2,117,862	Manseur, Belkacem	2,169,102	Nakamura, Chiharu	2,038,719
Köhler, Klaus	2,182,756	Mansoori, Mehdi	2,154,498	Nakayama, Susumu	2,093,440
Koivukunnas, Pekka	2,007,132	MANSUR INDUSTRIES INC.	2,184,701	Namco Ltd.	2,052,288
Kolb-Telieps, Angelika	2,157,847	Mansur, Pierre G.	2,184,701	Nelson, Edward J.	2,054,817
Kollmorgen Corporation	2,129,909	Marois, Jean-Luc	2,138,484	Neumann, Werner	2,120,326
Kone Oy	2,141,304	Martine, Jean Claude	1,340,510	NICHIAS CERATECH CORPO-	
Kopp, Norman L.	2,129,909	Masgrangeas, Marc	2,125,266	RATION	2,038,719
Kopp, Richard	2,003,107	Masubuchi, Akira	2,152,565	NICHIAS CORPORATION	2,038,719
Kratochvil, Cynthia P.	2,149,437	Matsuda, Kiichi	2,073,120	Niedringhaus, Joyce C.	2,052,849
Kratz, Wilbur Clymer	2,061,463	MATSUSHITA ELECTRIC		Nishikawa, Masaharu	2,136,067
Kraus, Josef	2,041,116	INDUSTRIAL CO., LTD.	2,069,366	Nisshin Steel Co., Ltd.	2,079,336
Krivi, Gwen Grabowski	1,340,505	MATSUSHITA ELECTRIC		NKK CORPORATION	2,152,565
Krone-Schmidt, Wilfred	2,077,463	INDUSTRIAL CO., LTD.	2,073,397	Noonan, James Thomas	2,161,570
Kroner, Matthias	2,139,010	Mayer, Martin	2,172,654	NORANDA INC.	2,125,375
Krupp VDM GmbH	2,157,847	McGuire, Michael R.	2,113,560	Norberg, Bård	2,184,285
Kubitza, Werner	2,006,797	McGuire, O. Daniel	2,129,909	Noritake Co., Limited	2,044,267
Kumar, Ravi	2,061,463	McIntosh, Robert H., Sr.	2,031,196	Norris, Lyle Vernon	2,171,031
Kumazawa, Satoru	1,340,507	McKenna, John Thomas, II	2,117,235	Novak, Thomas Joseph	2,149,437
Küng, Peter	2,165,391	McKinney, Vernon Lorne	2,161,720	Nowara, Ekkehard	2,087,499
Kupferberg, Minel	2,140,163	McVicker, Gary Brice	2,143,826	Nuernberg, K. Edward	2,120,289
Kureha Kagaku Kogyo Kabushiki		Medical & Environmental		Obrutski de Marini, Laura	2,076,205
Kaisha	1,340,507	Designs, Inc.	2,057,845	Oda, Hideyuki	2,190,748
Kurita, Hiroko	2,115,145	Meier, Ingrid Kristine	2,062,488	Oftedal, Tor Audun	2,156,818
Labar, James Marlow Sr.	2,104,819	Mellul, Myriam	2,124,290	Ogata, Mitsuru	2,052,288
Lacresse, Gilles	2,072,979	Meridian Diagnostics, Inc.	1,340,509	Ogawa, Tetsuro	1,340,503
Lafon, Jean-Luc	2,079,761	Miller, Eileen O.	2,017,969	Ogiso, Makoto	1,340,503
Laing, John R.	2,041,910	Minami, Mamoru	2,043,349	Okada, Ken	2,186,807
LANDIS & GYR COMMUNI-		Minneman, Scott L.	2,051,204	Ollivier, François-Xavier	2,101,015
CATIONS (U.K.) LTD.	2,002,971	MITSUBISHI DENKI		Ono, Yoshiaki	2,063,973
LANIER WORLDWIDE, INC.	2,117,235	KABUSHIKI KAISHA	2,183,942	Ortiz, Luis R.	2,154,789
Lappos, Nicholas D.	2,133,568	Mitsubishi Jidosha Kogyo		Osborn, Thomas Ward, III	2,118,215
Larmignat, Daniel	2,072,979	Kabushiki Kaisha	2,190,748	OSTEONICS CORP.	2,001,286
Le Gras, Brian W.	2,178,762	Mitsubishi Materials Corporation	2,043,349	Otten, Uli	2,167,231
Le Gras, Brian W.	2,178,763	OTSUKA CHEMICALS, INC.	2,095,019	Outboard Marine Corporation	2,131,347
Le Mouel, Bernard	2,101,015	Mittag, Peter	2,083,129	Ovonic Battery Company, Inc.	2,146,370
Lee, Young W.	2,137,511	Miyauchi, Mikiyoshi	2,143,244	Ovshinsky, Stanford R.	2,146,370
Leeker, Jerald W.	2,052,849	Moh, Sungwon	2,137,511	OXFORD SUSPENSION, INC.	2,071,432
Leitkowsky, Edward T., Jr	2,053,205	Mohabir, Daniel A.	2,154,498	OXY-ARC REPAIRS & SER-	
Leonidov, Nikolai Borisovich	2,147,268	Molin, Marc	2,120,290	VICES LTD.	2,109,772
Levy, Guy C.	2,055,526	Monnet, Pierre	2,045,570	PALL CORPORATION	2,054,817
Lewis, James D.	2,147,624	MONSANTO COMPANY	1,340,505	Pamart, Jean-Luc	2,101,015
Li, Wei	2,084,354	Montarges, Jean	2,087,001	PANDROL JACKSON INC.	2,155,197
Liebsch, Dietrich	2,006,797	Mooney, Robert	2,131,347	Parker, James	2,111,929
Lin, Yah Hwa	2,149,437	Morand, Philippe	2,072,979	Parkhe, V.D.	2,133,755
List, Michael T.	2,128,246	Morgan, Lara Felker	2,159,644	Parkin, Gregory A.	2,172,536
Littlejohn, Mark	2,127,311	Motorola, Inc.	2,141,316	Parmigiani, Bruno	2,082,233
Lofgren, Lars	2,007,483	MOTOROLA, INC.	2,160,750	Pass & Seymour, Inc.	2,174,393
Lowe, John A., III	2,124,990			Pearlstein, Ronald Martin	2,062,488

Index of Canadian Patents Issued **April 20, 1999**

Peitl, Friedrich	2,155,479	Royer, Victorin	2,138,483	Sumitomo Heavy Industries, Ltd.	2,036,340
Pelto-Huikko, Raimo	2,141,304	Ruckes, Andreas	2,003,107	SUN ACTIVE GLASS ELEC-	
Perrier, René	2,060,665	Rupilius, Wolfgang	2,150,841	TROCHROMICS, INC.	2,133,755
Perst, Renee	1,340,509	Sageser, David Mark	2,136,067	Suzuki, Atsuhide	2,117,862
Peterson, Ronald V.	2,077,463	Sagou, Sumihito	2,044,267	Suzuki, Toshio	2,117,862
Petillo, Richard Joseph	2,153,906	Saishoji, Toshihide	1,340,507	Sweeney, Niall	2,128,038
Pez, Guido Peter	2,062,488	Sajan, Eva	2,054,817	Swenson, Robert A.	2,172,148
Pfeiffer, Gert	2,083,129	Sakai, Kiyoshi	2,073,120	Sze, Elaine I.	2,169,102
Pfizer Inc.	2,124,990	Salazar, Edilberto I.	2,003,701	Sérodes, Jean	2,165,400
PFIZER INC.	2,165,806	Samsung Aerospace Industries, Ltd.	2,124,913	Takahashi, Taro	2,115,145
PHILLIPS & TEMRO INDUSTRIES INC.	2,029,120	Santerre, Guy	2,139,073	Takai, Hisashi	2,121,859
Pierman, Richard F.	2,071,432	Sash Controls, Inc.	2,075,435	Takei, Chiemi	2,115,145
Pierson, James S.	2,095,018	Sato, Nobuo	1,340,507	Takeya, Minoru	2,043,349
Pildner, Reinhart K.	2,111,929	Sato, Yoko	2,115,145	Tamer, Attila A.	2,150,366
PILLSBURY COMPANY (THE)		Sauber, Klaus	1,340,504	Tang, John C.	2,051,204
	2,087,410	SCHEFFLER GMBH & CO. KG	2,140,322	Tatar, Akos	2,138,447
Pines, Mark	2,113,229	Scherer, Paul Townsend	2,161,591	Tateishi, Tetsuro	2,116,524
Pinholster, Daniel F., Jr.	2,031,196	Schmidt, Glenn H.	2,111,272	Taylor, Jeffrey L.	2,064,661
Pirelli Cavi S.p.A.	2,082,233	Schmidt, Helmut	2,164,771	TELULAR CORP.	2,154,789
Pitney Bowes Inc.	2,003,701	Schneider, Josef	2,129,891	Terry, Claude Edward	2,031,196
Pitney Bowes Inc.	2,136,670	Schneider, Martin Victor	2,160,284	Terry, William M.	2,057,845
Pitney Bowes Inc.	2,137,511	Schwarz, Hans V.	2,120,289	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,007,483
POLY TECHS INC.	2,017,736	Schwegmann, Christian	2,164,771	Th. Goldschmidt AG	2,150,841
Portas, Francesco	2,082,233	Seip, Barry Shawn	2,169,102	THE PILOT INK CO., LTD.	2,063,973
Postelmans, Roberto Jean José	2,147,645	Sekiguchi, Akihiko	2,073,397	Theallier, Pascal	2,120,290
PPG INDUSTRIES, INC.	2,126,558	Senda, Shinji	2,044,267	Theurer, Josef	2,155,479
PPG INDUSTRIES, INC.	2,128,246	Sexton, Daniel White	2,012,249	Thimmesch, Jan Peter	2,029,120
PRAXAIR S.T. TECHNOLOGY, INC.		Sharp, F. Leonard	2,076,205	Thiokol Corporation	2,167,389
Preiss, Detlef	2,149,678	Shasha, Baruch S.	2,113,560	Thiokol Corporation	2,181,543
Prieur, Christian	2,138,447	SHERMAN, Bernard Charles	2,214,895	THOMSON CONSUMER ELECTRONICS, INC.	2,000,524
Procter & Gamble Company (The)	2,072,979	Sherman, Raymond W.	2,007,825	THOMSON CONSUMER ELECTRONICS, INC.	2,005,610
Procter & Gamble Company (The)	2,115,540	SHINAGAWA REFRACTORIES CO., LTD.	2,093,440	Thorogood, Robert Michael	2,104,819
Procter & Gamble Company (The)	2,150,366	Shinbo, Toshiaki	2,052,288	Thyssen Nordseewerke GmbH	2,087,499
PROCTER & GAMBLE COMPANY (THE)		Shinoda, Ken-ichi	2,079,336	Thünker, Norbert	2,172,654
PROCTER & GAMBLE COMPANY (THE)	2,118,215	Shiranita, Akira	2,093,440	TOMAH PRODUCTS, INC.	2,172,148
THE PROCTER & GAMBLE COMPANY	2,136,067	Shirley, Arthur Ray Jr.	2,120,618	Tomatsu, Tsutomu	2,063,973
PROCTER & GAMBLE COMPANY (THE)		Sidebotham, Christopher G.	2,001,286	Tomek, Martin L.	2,084,836
Putman, John Michael	2,168,777	Siegel, Ned Roger	1,340,505	Tordil, Helen B.	2,115,540
Quadir, Sayeeda Jabeen	2,154,998	Siiman, Olavi	2,135,904	Torres, Alexis	2,154,789
Raetz, Thomas P.	2,120,618	Simard, Gilbert	2,149,054	Toshiba Machine Co., Ltd.	2,143,244
Ramprasad, Dorai	2,112,148	Simon, Jean-René	2,165,704	Tran, Huyen B.	2,147,120
Reese, James W.	2,062,488	Singer, Howard M.	2,179,934	TREMBLAY, Gaston	2,204,192
Rehm, Werner	2,179,934	Slagle, Terry L.	2,113,229	TriEnda Corporation	2,183,365
Rent, Michael P.	2,069,242	Slavin, Shimon	1,340,505	Trinh, Toan	2,115,540
Rhône-Poulenc Nutrition Animal	2,163,851	Smith, Christine Elizabeth	2,064,661	Trumbore, Forrest A.	2,133,755
	2,120,290	Smith, John M.	2,164,779	Truth Hardware Corporation	2,112,148
Richards, Kent D.	2,157,935	Smith, Olan R.	2,172,536	Tsuji, Toshiaki	2,069,366
Rickert, Hubert	2,140,322	Soltys, Gregory B.	2,104,153	Tsujino, Yasuko	2,124,090
Rink, Karl K.	2,148,979	Sontag, Walter A.	2,150,366	Tsunehiro, Naoshi	2,073,397
Rinke, Horst	2,157,847	Soon, See-Aun	1,340,506	Tulimowski, Zdislaw M.	2,120,618
Robida, James E.	2,053,167	Sparling, P. Frederick		Ueda, Katsunori	2,190,748
Robida, James E.	2,053,202	SPORTFÖRDERUNG PETER KÜNG AG	2,165,391	Ullrich, Kathryn E.	2,058,113
Rodabaugh, Ronald D.	2,052,849	Stafford, Jeannine Marie	1,340,505	Ultradent Products, Inc.	2,154,878
Rodriguez, Manuel	2,165,400	Steins, Johannes	2,083,129	Uncle Ben's, Inc.	2,149,437
Rodriguez-Cavazos, Enrique	2,005,610	Stephan, Kenneth C.	2,136,475	Uni-Charm Corporation	2,121,859
Rogers, Duane E.	2,131,347	Stephens, Joseph Curtis	2,000,524	Unilever Plc	1,340,510
Rollag, Keith Wesley	2,136,067	Stone, Maureen C.	2,124,606	United Parcel Service of America, Inc.	2,146,751
Romano, Kenneth D.	2,154,498	Strickland, Kenneth W.	2,053,167	United States of America, as represented by the Secretary of	2,113,560
Rowland, Rodney Keith	2,152,840	Strickland, Kenneth W.	2,053,202	United Technologies Corporation	2,133,568
		Stringaro, Jean-Paul	2,128,143		
		Struzer, Cheryl R.	2,049,579		
		Suchan, Michael James	2,164,779		
		SULZER CHEMTECH AG	2,128,143		

**Index des brevets canadiens délivrés
le 20 avril, 1999**

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (THE)	1,340,506	Zimmermann, Michael	2,164,771
UNIVERSITÉ LAVAL	2,165,400	Zorian, Yervant	2,092,333
Urbanski, Steven Adam	2,141,316		
Vallauri, Ubaldo	2,082,233		
Vallillee, George W.	2,152,080		
VALMET CORPORATION	2,007,132		
VALMET CORPORATION	2,078,102		
Van Der Klugt, Walter Pieter Hendrik Laurentius	2,168,777		
Van Dine, John E.	2,133,755		
van Heteren, Jan	1,340,510		
Veitsch-Radex Aktiengesellschaft für feuerfeste Erzeugnisse	2,141,918		
Venkatesan, Srinivasan	2,146,370		
Vermaat, Karel Theodorus	1,340,510		
VIDEOCOLOR, S.p.A.	2,038,211		
Vinson, Phillip Kyle	2,148,101		
Virginia Commonwealth Univer- sity	2,188,798		
Voest-Alpine Industrieanlagen- bau GmbH	2,083,129		
Vollrath, John	2,149,678		
W&F Manufacturing, Inc.	2,107,408		
W.L. Gore & Associates, Inc.	2,147,624		
Walbrink, Harold J.	2,157,935		
Walker, Stephen S.	2,058,113		
Walsh, John Francis	2,143,826		
Wang, King-Yuan	2,148,883		
Watanabe, Naoki	2,052,288		
Watson, John W.	2,124,990		
Weaver, Bruce W.	2,157,401		
Weber, Joseph R.	2,041,910		
Weber, Werner	2,172,654		
Wech, Erich	2,041,116		
Wehrle, Myrtha	2,150,366		
Weichmann, Armin	2,129,891		
Welch, William E.	2,172,148		
Western Atlas International, Inc.	2,179,934		
WHEELABRATOR CLEAN AIR SYSTEMS INC.	2,065,546		
Wilber, James Albert	2,000,524		
Wilks, Allan R.	2,017,969		
Wilson, Robert Woodrow	2,160,284		
Wischmann, Wiltraud	2,069,242		
Wolog, Walter	2,136,670		
Wood, H. Alan	2,133,649		
Woodland, Sylvester Lynn	2,119,653		
XEROX CORPORATION	2,041,910		
XEROX CORPORATION	2,051,204		
XEROX CORPORATION	2,070,712		
XEROX CORPORATION	2,124,606		
XEROX CORPORATION	2,129,075		
XEROX CORPORATION	2,154,498		
Yamada, Jiro	2,136,067		
Yamashita, Kazunori	2,043,349		
Yau, Chi Wang	2,092,333		
Yokoi, Tatsumasa	2,044,267		
Yoshikawa, Satoshi	2,190,748		
Youtkus, Donald Joseph	2,136,365		
YUAN MEI CORP.	2,148,883		
Zaltzman, Arthur	2,119,653		
Zarnowski, Alfred J.	2,001,286		
Zayat, Charles D.	2,159,852		
ZF Friedrichshafen AG	2,167,231		

**Index of Canadian Patents Issued
April 20, 1999**

Index of Canadian Laid-Open Applications

March 7, 1999 - March 13, 1999

Index des demandes canadiennes mises à la disponibilité du public

7 mars, 1999 - 13 mars, 1999

ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH	2,246,388	BEASLEY, Andrew S.	2,215,079	BOISROBERT, Christine	2,244,436
ABB RESEARCH LTD.	2,246,214	BEATTY, James H.	2,246,475	BOUANAKA, Hansali	2,245,434
ABRAHAM, William D.	2,246,788	BECTON, DICKINSON AND COMPANY	2,242,940	BOWERS, Debra D.	2,246,849
ACOR ORTHOPAEDIC INC.	2,230,355	BECTON, DICKINSON AND COMPANY	2,243,899	BRANDT, Bernd A.	2,212,335
ADAMS, Paul E.	2,246,788	BECTON, DICKINSON AND COMPANY	2,244,759	BRAVO, Adriana	2,246,889
ADAMS, Phillip G.	2,215,242	BECTON, DICKINSON AND COMPANY	2,244,760	BRECO ANTRIEBSTECHNIK BREHER GBMH & CO.	2,246,823
ADVANCED CARDIOVASCULAR SYSTEMS, INC.	2,247,227	BECTON, DICKINSON AND COMPANY	2,244,960	BREDA, Jean-Marc	2,246,829
ADVANCED TELECOMM SOLUTIONS, INC.	2,247,553	BECTON, DICKINSON AND COMPANY	2,244,966	BREESE, Douglas E.	2,246,934
AIR LIQUIDE AMERICA CORPORATION	2,244,436	BECTON, DICKINSON AND COMPANY	2,244,982	BRENNER, Stanley S.	2,246,910
AIR PRODUCTS AND CHEMICALS, INC.	2,246,212	BECTON, DICKINSON AND COMPANY	2,244,987	Bright Lab. Co., Ltd.	2,215,226
AKAMATSU, Shinji	2,246,218	BECTON, DICKINSON AND COMPANY	2,245,030	Bright Lab. Co., Ltd.	2,215,867
AKAMATSU, Shinji	2,246,219	BECTON, DICKINSON AND COMPANY	2,245,031	BRIGHT LAB. CO., LTD.	2,243,383
ALAIMO, Gregory A.	2,230,355	BECTON, DICKINSON AND COMPANY	2,245,126	BROOKS, Sean Terence	2,215,172
ALCATEL	2,243,858	BECTON, DICKINSON AND COMPANY	2,245,153	BROUILLETTE, Dany	2,246,955
ALCATEL	2,244,277	BECTON, DICKINSON AND COMPANY	2,245,401	BUCHOFF, Leonard S.	2,246,825
ALCATEL	2,244,279	BECTON, DICKINSON AND COMPANY	2,245,402	BUELOW, David F.	2,244,035
ALCATEL	2,244,287	BECTON, DICKINSON AND COMPANY	2,245,415	BUFFARD, Jean-Pierre	2,246,215
ALCATEL	2,244,289	BECTON, DICKINSON AND COMPANY	2,245,425	BURGMEIER, Robert E.	2,238,109
ALLEN, William J.	2,244,759	BECTON, DICKINSON AND COMPANY	2,245,435	BURKE, Michael K.	2,245,195
ALLEN, William J.	2,244,960	BECTON, DICKINSON AND COMPANY	2,245,445	BURWELL, John R.	2,244,032
AMAZON.COM, INC.	2,246,933	BECTON, DICKINSON AND COMPANY	2,245,455	BUSTAMANTE, Eleazar Felipe	2,215,242
AMEY, James	2,214,923	BECTON, DICKINSON AND COMPANY	2,245,465	CABLE, Thomas L.	2,215,672
ANDERSON, Richard N.	2,246,963	BECTON, DICKINSON AND COMPANY	2,245,475	CADE, Dominique	2,214,923
ANTHONY, Brian Alwyn	2,215,173	BECTON, DICKINSON AND COMPANY	2,245,485	CAIN, Frederick William	2,246,085
AOKI, Shinji	2,246,076	BECTON, DICKINSON AND COMPANY	2,245,495	CANON KABUSHIKI KAISHA	2,246,830
AOKI, Shinji	2,246,573	BECTON, DICKINSON AND COMPANY	2,245,505	CANPOLAR EAST INC.	2,227,815
ARAKI, Takayuki	2,242,890	BECTON, DICKINSON AND COMPANY	2,245,515	CAPSTONE TURBINE CORPORATION	2,246,769
ARMAND, Michel	2,246,955	BECTON, DICKINSON AND COMPANY	2,245,525	CARANO, Donald J.	2,245,126
ARTIUCH, Roman L.	2,214,950	BECTON, DICKINSON AND COMPANY	2,245,535	CAREY, Jacqueline M.	2,244,482
ASBURY, M. Tobias	2,247,224	BECTON, DICKINSON AND COMPANY	2,245,545	CARIGNAN, Jean	2,212,387
AT&T CORP.	2,245,434	BECTON, DICKINSON AND COMPANY	2,245,555	CARLSON, Jesse P.	2,231,411
AT&T CORP.	2,245,803	BECTON, DICKINSON AND COMPANY	2,245,565	CARLSON, Jesse P.	2,231,413
AT&T CORP.	2,245,979	BECTON, DICKINSON AND COMPANY	2,245,575	CARON, Fernand	2,214,905
AUSTIN, Barry G.	2,242,821	BECTON, DICKINSON AND COMPANY	2,245,585	CASE CORPORATION	2,245,731
BÄBLER, Fridolin	2,246,543	BECTON, DICKINSON AND COMPANY	2,245,595	CELLI, Giuliano	2,215,290
BACHMANN, Frank	2,246,551	BECTON, DICKINSON AND COMPANY	2,245,605	CHATTERTON, Chadd R.	2,231,485
BADGE, Brian Allan	2,212,270	BECTON, DICKINSON AND COMPANY	2,245,615	CHIAPHUA INDUSTRIES LIMITED	2,241,061
BAILEY METAL PRODUCTS LIMITED	2,246,899	BECTON, DICKINSON AND COMPANY	2,245,625	CHIKAMI, Rintaro	2,246,856
BAIRD, William J.	2,225,213	BECTON, DICKINSON AND COMPANY	2,245,635	CHOE, Won-Ha	2,246,897
BAJCAR, Miles	2,244,436	BECTON, DICKINSON AND COMPANY	2,245,645	CHOISNET, Joel	2,246,829
BAKER, Mark R.	2,246,493	BECTON, DICKINSON AND COMPANY	2,245,655	CHOW, Alfred	2,246,964
BALLONE, Michael	2,246,905	BECTON, DICKINSON AND COMPANY	2,245,665	CHUN, Michael Kai-Wah	2,212,262
BARIL, Daniel	2,246,955	BECTON, DICKINSON AND COMPANY	2,245,675	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,246,543
BARTOSEK, Paul	2,215,873	BECTON, DICKINSON AND COMPANY	2,245,685	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,246,551
BAY MILLS LIMITED	2,246,855	BECTON, DICKINSON AND COMPANY	2,245,695	CIRCLE TEKCO CO., LTD.	2,246,394
BAYER CORPORATION	2,237,269	BECTON, DICKINSON AND COMPANY	2,245,705	CLARIANT GMBH	2,246,580
BEALS, Stephen H.	2,246,874	BECTON, DICKINSON AND COMPANY	2,245,715	CLARIANT GMBH	2,246,888
		BECTON, DICKINSON AND COMPANY	2,245,725	CLARK, John M.	2,244,032
		BECTON, DICKINSON AND COMPANY	2,245,735	CLARKE, Timothy Alan	2,246,927
		BECTON, DICKINSON AND COMPANY	2,245,745		
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		BECTON, DICKINSON AND COMPANY	2,246,675		
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		BECTON, DICKINSON AND COMPANY	2,246,695		
		BECTON, DICKINSON AND COMPANY	2,246,705		
		BECTON, DICKINSON AND COMPANY	2,246,715		
		BECTON, DICKINSON AND COMPANY	2,246,725		
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		BECTON, DICKINSON AND COMPANY	2,246,955		
		BECTON, DICKINSON AND COMPANY	2,246,965		
		BECTON, DICKINSON AND COMPANY	2,246,975		
		BECTON, DICKINSON AND COMPANY	2,246,985		
		BECTON, DICKINSON AND COMPANY	2,246,995		
		BECTON, DICKINSON AND COMPANY	2,247,005		
		BECTON, DICKINSON AND COMPANY	2,247,015		
		BECTON, DICKINSON AND COMPANY	2,247,025		
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		BECTON, DICKINSON AND COMPANY	2,247,345		
		BECTON, DICKINSON AND COMPANY</			

Index of Canadian Laid-Open Applications **March 7, 1999 - March 13, 1999**

COM DEV LTD.	2,246,929	ELIASSEN, Baldur	2,246,214	GRACO CHILDREN'S PROD- UCTS, INC.	2,246,923
CONCO SYSTEMS, INC.	2,246,178	EMERSON ELECTRIC CO.	2,235,106	GRÄSSLE, Jürgen	2,246,824
CONCO SYSTEMS, INC.	2,246,810	EMMOTT, Stephen J.	2,246,780	GRAU, Curtiss A.	2,233,243
CONNORS, Robert W.	2,244,436	EMRICH, Robert K.	2,246,999	GRAVILLE, Stephen Rhys	2,246,527
CONWAY, William J.	2,229,982	ENDRESS + HAUSER CON- DUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH +		GRETAG IMAGING AG	2,246,937
COOPER CAMERON CORPO- RATION	2,245,405	ENGH, Lawrence D.	2,246,772	GRIFFIN, Theodore F.	2,245,405
COOPER INDUSTRIES, INC.	2,246,812	ERICKSON, Perry Dennis	2,246,135	GRIFFIN, Todd	2,246,988
COOPER, Martin Freeman	2,214,953	ESCO CORPORATION	2,245,908	GRIFFIN, Todd	2,247,234
CORNING INCORPORATED	2,246,821	ESPE DENTAL AG	2,246,999	GROSSMAN, M. Gary	2,246,905
COVELL, Douglas G.	2,233,112	ETHICON, INC.	2,247,225	GRZESLO, I. John	2,214,950
CROSS, Jon Robert	2,245,731	ETTENBERG, Martin H.	2,247,280	GUO, Ning	2,215,075
CROWDER, Vicki Jo	2,247,553	EVANS, Gwyn	2,215,861	HA, Stephen T.	2,244,829
CTS CORPORATION	2,215,242	F.HOFFMANN-LA ROCHE AG	2,246,929	HAACK, Eberhard	2,247,559
CULLMAN VENTURES, INC.	2,244,482	FERAG AG	2,243,985	HAGA, Nobuo	2,245,439
CUMMINGS, Donald P.	2,246,959	FIELDING, Bruce Allen	2,246,845	HAGER, James L.	2,246,814
CURLISS, Neil S.	2,242,543	FINN, Brian M.	2,246,843	HAHN, Thomas	2,246,761
CUSHING, David Henry	2,246,500	FISHER, Brian A.	2,242,510	HAMEL, Roger G.	2,245,481
CZEREPIŃSKI, Ralph G.	2,247,003	FITZGERALD, Stephen Peter	2,246,812	HAMET, Pavel	2,218,625
DA MIN ENTERPRISE LTD.	2,244,286	FLANAGAN, D. Lloyd	2,245,971	HANSENNE, Isabelle	2,243,860
DAGENS, Béatrice	2,243,858	FLETCHER, Steve John H.	2,237,024	HARMAN, Murray R.	2,212,247
DAGENS, Béatrice	2,244,277	FLÜHRER, Manfred	2,245,463	HARRIS, John Bernard	2,246,085
DALE, Stephen G.	2,245,463	FORRESTER, David	2,246,552	HARTMAN, Karl John	2,245,792
DALLAS, Milton R.	2,231,413	FORT JAMES CORPORATION	2,215,250	HARTMAN, Peri	2,246,933
DALLAS, Milton R., Jr.	2,231,411	FOSER, Hanspeter	2,246,849	HATA, Satoshi	2,244,061
DALY, Daniel T.	2,246,788	FOXTON, Paul D.	2,245,204	HATCH, Clive	2,246,927
DAMASSE, Jean-Michel	2,247,538	FRAMATOME CONNECTORS INTERNATIONAL	2,215,080	HAUGEBOERG, Thomas M.	2,245,492
DANA CORPORATION	2,246,586	FREIERMUTH, Beat	2,246,177	HAUT, Robert E.	2,246,923
DANA CORPORATION	2,246,934	FRICK, Beat	2,246,551	HAYASHI, Takao	2,242,890
DANNACHER, Josef	2,246,551	FUERTES, Patrick	2,246,937	HAYASHI, Tsutomu	2,247,166
DART INDUSTRIES INC.	2,245,796	FUJIKURA LTD.	2,247,527	HAYES, Thomas J.	2,231,485
DAUGELA, Darcy John	2,215,230	FUKUTA, Makoto	2,239,276	HEARN, Paul	2,227,815
DAUGELA, Mark George	2,215,230	G. SIEMPELKAMP GMBH & CO.,	2,247,011	HEBERT, Jean-Paul	2,244,278
DAVIO, John Leon Thomas Joseph	2,215,429	G. SIEMPELKAMP GMBH & CO.,	2,244,283	HELBSTERN, Robert Patrick	2,242,806
DAVIS, Gregory K.	2,246,880	GAGNON, Peter R.	2,244,284	HENDERSON, Douglas P.	2,245,030
DAWKES, Adrian Charles	2,246,894	GALINDO-CASTRO, Ivan	2,245,390	HENNIGER, Gary R.	2,245,126
DE ZEN, Vic	2,214,734	GALLANT, Joseph P.	2,246,889	HENNIGER, Gary R.	2,245,401
DEBORD, Jeffrey T.	2,233,112	GANSER, Christophe	2,245,390	HENRIOTT, Jay M.	2,246,880
DEODHAR, Subhash S.	2,245,492	GARDAZ, Claudine	2,247,538	HENRIOTT, Jay M.	2,246,883
DEWEY, George G.	2,246,140	GAZ DE FRANCE	2,246,215	HEPWORTH, Paul Steabben	2,245,103
DiBIASI, Michael A.	2,244,759	GE, Yigong	2,244,043	HERMANTO, Ivi	2,227,815
DiBIASI, Michael A.	2,244,760	GEIS, Everett R.	2,243,656	HEUER, Volkmar	2,244,287
DiBIASI, Michael A.	2,244,960	GELFAND, David H.	2,246,769	HEUER, Volkmar	2,244,289
DiBIASI, Michael A.	2,244,966	GERSHEN, Bernard	2,243,985	HEULE, Heinrich	2,246,926
DiBIASI, Michael A.	2,244,982	GETTELMAN, Alan	2,246,910	HEULE, Ulf	2,246,926
DICKIE, Douglas Brock	2,246,844	GILLICK, James Gregory	2,229,703	HILL, Claudia B.	2,245,492
DICKIE, Douglas Brock	2,246,964	GITLIN, Richard Dennis	2,245,609	HILLSON, Andrew Raines	2,246,843
DIEPSTRATEN, Wilhelmus Josephus	2,246,470	GLASBAU HAHN GMBH + CO. KG	2,244,814	HILLSON, Andrew Raines	2,246,844
DIGISONIX, INC.	2,242,510	GLOVER, Justin Mark	2,246,761	HILLSON, Andrew Raines	2,246,964
DONALDSON, John K.	2,246,855	GODDARD, Donald Harry	2,246,896	HIPKISS, Jayne Beverley	2,246,894
DONGBO TEXTILE	2,235,439	GOETZ, Mike	2,246,396	HIROKAWA, Kazuharu	2,246,856
Dräger Sicherheitstechnik GmbH	2,226,055	GOIX, Michel	2,225,213	HOECHST MARION ROUSSEL DEUTSCHLAND GMBH	2,246,928
DROBECK, Gregory R.	2,233,112	GOLDEN, Timothy Christopher	2,244,278	HOEI, Jung Sheng	2,246,135
DUCELLIER, Thomas	2,244,278	GOLDSTEIN, Léon	2,246,212	HOFER, Hans-Hebert	2,246,932
DUFFY, Richard J.	2,246,924	GOOCH, Richard Michael	2,244,277	HOFER, John	2,214,867
DUNCAN, Thomas	2,244,814	GOODIN, Richard L.	2,246,927	HOFFMAN, Tina	2,215,688
EASY CURB SYSTEMS INC.	2,215,858	GOTT, Robert E.	2,238,109	HOLMES, David John	2,243,656
EATON CORPORATION	2,242,806	GOUIN, Julien	2,247,224	HONDA GIKEN KOGYO	
ECKERSLEY, Sarah T.	2,247,003	GRACO CHILDREN'S PROD- UCTS, INC.	2,212,393	KABUSHIKI KAISHA	2,240,229
ECKHARDT, Gunther	2,247,225			KABUSHIKI KAISHA	2,240,245
EDGAR, Heather Anne	2,246,894			KABUSHIKI KAISHA	2,244,874
EDCO, CORP.	2,237,525			KABUSHIKI KAISHA	2,245,071
EFGA-WERKE FRITZ KIEHN GMBH	2,246,833				

Index des demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

HONDA GIKEN KOGYO		JANSEN, Bernard Gerald	2,246,964	KRYSICKI, Jerzy	2,246,810
KABUSHIKI KAISHA	2,245,439	JANZ, Christopher	2,243,858	KUENEN, Hendrikus Antonius	
HONDA GIKEN KOGYO		JAPAN SCIENCE AND TECH-		Jacobus	2,246,853
KABUSHIKI KAISHA	2,246,076	NOLOGY CORPORA-		KUERSTEN, William R.	2,238,686
HONDA GIKEN KOGYO		TION	2,214,812	KULLMANN, Jörg H.	2,246,552
KABUSHIKI KAISHA	2,246,573	JAS. D. EASTON, INC.	2,245,349	KUNO, Yukinobu	2,247,236
HONDA GIKEN KOGYO		JDS FITEL INC.	2,246,500	KURZ, Michael	2,246,928
KABUSHIKI KAISHA	2,246,846	JENNINGS-TOLCHINER, Bar-		KYUMA, Kazuo	2,244,061
HONDA GIKEN KOGYO		bara	2,246,834	LACROIX, Christophe	2,209,893
KABUSHIKI KAISHA	2,246,848	JESSER, William A.	2,215,861	LAMBIN, Anne	2,247,527
HONDA GIKEN KOGYO		JOHNSON & JOHNSON CON-		LAMONT, John Victor	2,245,971
KABUSHIKI KAISHA	2,246,884	SUMER COMPANIES,		LANCASTER COLONY COR-	
HONDA GIKEN KOGYO		INC.	2,231,411	PORATION	2,233,112
KABUSHIKI KAISHA	2,246,911	JOHNSON & JOHNSON CON-		LANGLIE, Ronald H.	2,244,035
HONDA GIKEN KOGYO		SUMER COMPANIES,		LAPIERRE, Clément	2,213,885
KABUSHIKI KAISHA	2,246,912	INC.	2,231,413	LAPOINTE, Gisèle	2,209,893
HONDA GIKEN KOGYO		JOHNSON & JOHNSON MEDI-		LAPORTA, Thomas F.	2,244,814
KABUSHIKI KAISHA	2,247,059	CAL LTD.	2,246,895	LAVIGNE, Gilles	2,215,097
HONDA GIKEN KOGYO		JOHNSON MATTHEY PUB-		LAVOIE, Gaëtan	2,212,390
KABUSHIKI KAISHA	2,247,061	LIC LIMITED COMPANY	2,246,941	LAVOIE, Marc	2,209,893
HONDA GIKEN KOGYO		JOHNSON, Graham I.	2,246,780	LAVOIE, Michel	2,212,390
KABUSHIKI KAISHA	2,247,166	JONES, Peter Christopher	2,246,821	LAVOIE, Raynald	2,212,390
HONG, Seok Min	2,235,439	JOSSO, Martin	2,243,860	LAVOIE, Serge	2,212,390
HONIGSBAUM, Richard	2,246,861	JUDD, James Marshall	2,246,843	LE COINTE, Patrick	2,244,043
HOPLEY, Edward	2,212,260	JUDD, James Marshall	2,246,964	LEBRUN, Camil	2,212,263
HORN, Michael	2,246,772	KABUSHIKI KAISHA		LECHNER, Guenther	2,247,225
HOSKIN, Catherine	2,215,242	TOSHIBA	2,246,958	LECLERC, Denis	2,244,277
HOSOI, Isaburo	2,246,842	KAJI, Masayuki	2,246,394	LEE, Back Woo	2,245,058
HOUMAN, Thomas G.	2,245,492	KALBASSI, Mohammad Ali	2,246,212	LEE, Soong-Hee	2,246,897
HUBERT, John-Luc	2,244,436	KALMAN, Lisa V.	2,243,985	LENG, David Yan	2,215,242
HULL, Karen M.	2,246,493	KAMERMAN, Adriaan	2,246,470	LEU, Willy	2,246,845
HUNTER DOUGLAS INC.	2,246,963	KANEKO, Masakatsu	2,246,076	LEVITON MANUFACTURING	
HUTCHINSON, Tyrone C.	2,247,280	KANEKO, Masakatsu	2,246,573	CO., INC.	2,246,910
HYDE MANUFACTURING		KAPHAN, Shel	2,246,933	LEVOIR, Donald L.	2,243,811
COMPANY	2,246,959	KAYAMA, Hiroaki	2,247,166	LI, Hang	2,212,250
HYDRIL COMPANY	2,215,044	KELLY, Joseph B.	2,242,780	LIMA, Joseph V.	2,245,390
HYDRO-QUÉBEC	2,246,955	KELLY, Karin E.	2,242,940	LIN, Jin-Chen	2,214,862
IKUMA, Tomonori	2,247,059	KELLY, Karin E.	2,243,899	LIN, Ming-Chang	2,214,862
ILLINOIS TOOL WORKS INC.	2,245,908	KELLY, Karin E.	2,245,031	LIN, Yeun-Junn	2,215,098
ILLINOIS TOOL WORKS INC.	2,246,140	KELLY, Karin E.	2,245,126	LIN, Yuen-Junn	2,215,100
ILLINOIS TOOL WORKS INC.	2,246,241	KELLY, Karin E.	2,245,153	LINDENBERG, Klaus	2,244,071
INADA, Mitsuru	2,246,219	KELLY, Karin E.	2,245,401	LIPPUNER, Werner	2,246,926
INDUCTOTHERM CORP.	2,243,110	KELLY, Karin E.	2,245,402	LISIECKI, Elizabeth Rebecca	2,238,731
INFORMATION STORAGE		KIELLAND, Peter Johann	2,212,329	LODERS CROKLAAN B.V.	2,246,085
DEVICES, INC.	2,246,135	KIELY, John	2,246,905	Long Manufacturing Ltd.	2,215,172
INGRAHAM, Karen A.	2,243,656	KIM, Jin-Han	2,246,897	Long Manufacturing Ltd.	2,215,173
INLAND PAPERBOARD AND		KIMBALL INTERNATIONAL,		LONGENECKER, Michael L.	2,246,902
PACKAGING, INC.	2,225,213	INC.	2,246,880	LONGENECKER, Michael L.	2,246,923
INSTITUTE OF GAS TECH-		KIMBALL INTERNATIONAL,		LOPEZ, Josephine	2,244,829
NOLOGY	2,246,870	INC.	2,246,883	LORD, George A.	2,244,482
INVATEC S.r.l.	2,244,275	KNUDTSON, Hans	2,215,231	LOVELESS, Don L.	2,243,110
IRECO, INC.	2,246,874	KOBAYASHI, Makoto	2,246,911	LOVENS, Jean	2,243,110
ISGRO, Nick	2,246,843	KOGELSCHATZ, Ulrich	2,246,214	LOWBRIDGE, Dymphna Ann	2,246,894
ISGRO, Nick	2,246,964	KOHNO, Tadashi	2,246,842	LUCENT TECHNOLOGIES	
ISKRA, Michael J.	2,244,987	KOHR, Alan Wayne	2,245,792	INC.	2,244,814
ISODA, Takashi	2,246,830	KOIKE, Masaru	2,247,236	LUCENT TECHNOLOGIES	
ITO, Asuka	2,246,842	KÖLLING, Rudi	2,246,823	INC.	2,245,290
ITO, Tsunetaro	2,246,202	KOLOSKI, Peter A.	2,233,112	LUCENT TECHNOLOGIES	
ITOH, Hiroki	2,247,011	KONISHI, Takayoshi	2,246,207	INC.	2,245,798
IVOCLAR AG	2,245,204	KOPMEINERS, Robert John	2,246,470	LUCENT TECHNOLOGIES	
IWAKI, Kunihide	2,231,962	KOPPENS B.V.	2,246,853	INC.	2,246,470
J.M. Schneider Inc.	2,215,873	KOYAMA, Kouhei	2,242,149	L'AIR LIQUIDE, SOCIETE	
JACKSON, Mitchell M.	2,246,788	KRAFT FOODS, INC.	2,245,051	ANONYME POUR	
JAIN, Rajesh	2,242,476	KRASKO, Zeya K.	2,245,390	L'ETUDE ET, L'EXPLOI-	
JAMISON, Chris Mark	2,245,908	KRULL, Matthias	2,246,580	TATION DES PROCE	2,244,436
JANSEN, Bernard Gerald	2,246,843	KRYSICKI, Jerzy	2,246,178	L'HIRONDELLE, Stacy Arnold	2,215,112

Index of Canadian Laid-Open Applications **March 7, 1999 - March 13, 1999**

L'ORÉAL	2,243,860	MOHARY, Stephen J.	2,231,413	OLVERA, Gilbert	2,246,241
MA, Daiping	2,246,821	MONAHAN, Larry A.	2,243,899	ONDULINE	2,247,530
MACCARONE, David A.	2,247,228	MONTAG, Sean D.	2,233,112	ONG, Estela	2,246,870
MacINNES, Steven K.	2,246,825	MORALES, Stephen A.	2,247,227	ORTHO-CLINICAL DIAGNOS- TICS	2,246,894
MACY, Johnathan I.	2,245,153	MOREAU, Thierry	2,246,858	ORTHO-CLINICAL DIAGNOS- TICS	2,246,896
MADER, Carl Conrad	2,246,845	MORTON INTERNATIONAL, INC.	2,245,481	OSRAM SYLVANIA INC.	2,245,390
MAES, Paul	2,214,923	MOSSIG, Kai	2,246,388	OTA, Atsuo	2,240,229
MAKADMINI, Lothfi	2,246,772	MOTA-MEIRA, Marilaine	2,209,893	OTA, Atsuo	2,240,245
MAKIYAMA, Joji	2,246,954	MOWERY, John	2,235,106	OTA, Atsuo	2,245,071
MAKOWKA, Cornelia	2,246,551	MUD, Rienk	2,246,470	OTA, Atsuo	2,246,884
MALLIS, David L.	2,215,044	MUKASA, Kazunori	2,246,473	PANACCIONE, Mark T.	2,246,959
MALLORY, John	2,245,050	MURAKAMI, Kazutaka	2,244,814	PANACEA BIOTEC LIMITED	2,242,476
MALSOM, Harlan	2,234,248	MURATA, Masashi	2,246,846	PANOUSHEK, Dale William	2,245,731
MANDAI, Shigemi	2,246,218	MURPHY, Richard F.	2,245,195	PARADIS, Yvon	2,212,344
MANDAI, Shigemi	2,246,219	MURRAY, Matthew	2,244,759	PARK, Ho-Chong	2,246,901
MANICKE, Ulrich	2,244,279	MURRAY, Matthew	2,244,960	PARKER-HANNIFIN GMBH	2,246,936
MANSON, Michael George	2,246,964	MYERS, Thomas W.	2,243,985	PATTERSON, Robert	2,246,849
MARTZ, William M.	2,238,686	NAIM, Monique	2,246,829	PAUL, Sigismund G.	2,246,140
MARUYAMA, Taiji	2,246,911	NAKAJIMA, Yoshihiro	2,247,166	PAUL, Sigismund G.	2,246,241
MASUDA, Tatsuo	2,240,245	NAKANO, Jiro	2,244,061	PEAREN, Donald C.	2,241,162
MATHIEU, Marc-André	2,211,984	NARITA, Satoru	2,240,245	PEAREN, Lloyd S.	2,241,162
MATSUDA, Makoto	2,246,394	NARITA, Satoru	2,244,874	Pella Corporation	2,234,248
MATSUDA, Terukazu	2,246,925	NARITA, Satoru	2,245,071	PEMBINA COLONY LTD.	2,214,867
MAZANEC, Terry J.	2,215,672	NCR CORPORATION	2,246,780	PENG, Wenfeng	2,245,050
MCCONNELL, Robert Ivan	2,245,971	NEC CORPORATION	2,246,954	PETICOLAS, Brian W.	2,246,769
MCCRACKEN, Robert G.	2,237,525	NEGRI, Robert H.	2,245,492	PFEIFFER, Dominique	2,244,043
MCDERMOTT, Amy J.	2,244,482	NEWELL OPERATING COM- PANY	2,238,686	PHILLIPS & TEMRO INDUS- TRIES LTD.	2,245,437
McDONALD, John Maurice	2,246,843	NEWELL OPERATING COM- PANY	2,238,731	PIKE, Robert T.	2,246,923
McDONALD, John Maurice	2,246,964	NGUYEN, Tuan V.	2,244,759	PIRG, Wolf-Dieter	2,246,888
McENTEE, Thomas C.	2,245,481	NGUYEN, Tuan V.	2,244,760	PLASPLUGS INC.	2,245,103
McNAIR, John Duncan	2,241,061	NGUYEN, Tuan V.	2,244,960	PLAYER, Lester	2,245,031
MCWILLIAMS, Matthew Patrick	2,246,941	NGUYEN, Tuan V.	2,244,966	POPA, Sorin	2,215,270
MEINAN MACHINERY WORKS, INC.	2,247,236	NGUYEN, Tuan V.	2,244,982	PORTER, Michael	2,246,475
MERRIWEATHER, Frank Jr.	2,229,982	NGUYEN, Tuan V.	2,244,982	POWELL, Cynthia	2,246,939
MERRIWEATHER, Frank, Jr.	2,229,703	NICOLAISEN, Bernd	2,247,559	PPG INDUSTRIES, INC.	2,242,543
METZGER, James L, Jr.	2,235,106	NISHIDE, Kenji	2,239,276	PPG INDUSTRIES, INC.	2,242,780
MICHOT, Christophe	2,246,955	NOELKER, Colin	2,246,515	PRADINAS, Claude	2,215,568
MIEYAL, David F.	2,246,899	NORTH CENTRAL PLASTICS, INC.	2,244,035	PRAT, Jean-Michel	2,246,858
MIKAWA, Isao	2,246,394	NORTHERN TELECOM LI- MITED	2,215,075	PRAXAIR TECHNOLOGY, INC.	2,247,229
MIKULLA, Markus	2,247,225	NORTHERN TELECOM LI- MITED	2,246,843	PY, Daniel	2,246,294
MILLAY, Arthur	2,246,825	NORTHERN TELECOM LI- MITED	2,246,844	R.B.H. Equipement	2,214,905
MILLER, Grover L.	2,246,880	NORTHERN TELECOM LI- MITED	2,246,964	R/M EQUIPMENT, INC.	2,246,988
MILLER, Grover L.	2,246,883	NORTRUP, Edward H.	2,245,390	R/M EQUIPMENT, INC.	2,247,234
MITSUBISHI DENKI KABUSHIKI KAISHA	2,244,061	NOVEMBAL	2,215,568	RAHMAN, Moshir	2,245,434
MITSUBISHI DENKI KABUSHIKI KAISHA	2,246,925	NYLOK FASTENER CORPO- RATION	2,246,924	RANDEX LABORATORIES LTD.	2,245,971
MITSUBISHI HEAVY INDUS- TRIES, LTD.	2,245,639	OCKLESTON, Grant Andrew	2,246,927	RANGEL-ALDAO, Rafael	2,246,889
MITSUBISHI HEAVY INDUS- TRIES, LTD.	2,246,218	OHSAKI, Hirokazu	2,246,846	RAPAPORT, Lauren Elyse	2,245,051
MITSUBISHI HEAVY INDUS- TRIES, LTD.	2,246,219	OHSHIMA, Junko	2,246,842	RASSIER, Daniel W.	2,246,825
MITSUBISHI HEAVY INDUS- TRIES, LTD.	2,246,856	OHTA, Jun	2,244,061	RAUCH, Rainer	2,246,932
MITSUI MINING AND SMELT- ING CO., LTD.	2,242,890	OHTA, Masataka	2,246,218	REAM, Jeffrey Nathan	2,247,553
MIZUGUCHI, Hiroshi	2,247,059	OHTA, Masataka	2,246,219	REED, Scott	2,244,759
MIZUGUCHI, Hiroshi	2,247,061	OITA, Masaya	2,244,061	REED, Scott	2,244,960
MOE, James E.	2,243,811	OKA, Kouichi	2,246,848	REFREGIER, Jean-Louis	2,243,860
MOHARA, Toshinari	2,244,874	OKITA, Masaya	2,215,226	REGENT LIGHTING CORPO- RATION	2,246,905
MOHARA, Toshinari	2,245,071	OKITA, Masaya	2,215,867	REI, Nuno M.	2,245,481
MOHARA, Toshinari	2,246,884	OKU/ZAKI, Hideo	2,243,383	REICHERT, Fred L.	2,243,985
MOHARY, Stephen J.	2,231,411	OLVERA, Gilbert	2,247,166	REIMANN, Werner	2,246,580
			2,246,140	REIMER, Ernest M.	2,227,815
				REUTER, Fritz W.	2,244,829

Index des demandes canadiennes mises à la disponibilité du public
7 mars, 1999 - 13 mars, 1999

REUTERS LIMITED	2,245,463	SCHULZ, Joachim F.A.	2,244,409	SUZUKI, Etsumi	2,246,958
RHEINHEIMER, Gary W.	2,237,269	SCHWEIGER, David J.	2,246,586	SUZUKI, Osamu	2,240,229
RICHARDSON, Christopher	2,233,188	SCHÄFER, Wolfgang	2,246,824	SUZUKI, Osamu	2,245,071
RICHTER, Grit	2,246,551	SCHÜRMANN, Klaus	2,244,283	SWANIKER, Hansen P.	2,247,280
RIGHTON, Robert Ellis	2,245,798	SCHÜRMANN, Klaus	2,244,284	SWIST, Jason	2,212,252
RIECK, Kenneth J.	2,239,751	SCHÜTZE, Gunter	2,246,833	SWOBODA, Dean P.	2,246,849
ROBB, Eden Smally	2,246,521	SCITEX DIGITAL PRINTING, INC.	2,246,781	TAGUCHI, Takashi	2,246,846
ROE, Mark	2,245,153	SCOTT, Robert	2,214,923	TAKAHASHI, Masako	2,247,166
ROE, Thomas O.	2,242,510	SEB S.A.	2,246,215	TAKANO CO., LTD.	2,246,202
ROHM AND HAAS COMPANY	2,245,792	SEBASTIAN, Lothar	2,244,283	TAKEDA CHEMICAL INDUSTRIES, LTD.	2,247,011
ROMET LIMITED	2,214,950	SEBASTIAN, Lothar	2,244,284	TAKEUCHI, Naohito	2,246,207
ROQUETTE FRERES	2,247,527	SEED RUBBER COMPANY LIMITED	2,242,149	TAKEZAWA, Toshiaki	2,214,812
ROSI, Fred D.	2,215,861	SEILER, Thomas F.	2,215,173	TALARICO, Mark	2,245,349
ROSS, Alan M.	2,215,858	SENCO SENSORS INC.	2,245,050	TAMAI, Shigeru	2,242,149
ROSS, Kenneth Garfield	2,215,045	SENK, Dieter	2,247,538	TANAKA, Katsunori	2,246,218
ROTE, Scott J.	2,238,686	SESSA, Eugene	2,246,924	TANAKA, Mitsuharu	2,247,059
ROTHKAMP, Susanne	2,246,888	SEXTANT AVIONIQUE	2,246,829	TANAKA, Nobuyuki	2,247,061
ROWE, Wayne	2,246,960	SHIBATA, Kunihiko	2,246,842	TANAKA, Shigekazu	2,239,276
ROYAL GROUP TECHNOLOGIES LIMITED	2,214,734	SHIDAHARA, Sadafumi	2,246,848	TARAN, Victoria	2,246,911
RUFFENACH, François	2,247,530	SHIDARA, Sadafumi	2,246,912	TARKINGTON, Paul	2,246,085
RUMSEY, Steven C.	2,233,243	SHIMA, Kensuke	2,239,276	TARLTON, John	2,212,338
RUPPERT, Heinrich W.	2,246,833	SHIMAMURA, Hiroyuki	2,242,890	TARR, Nicholas Garry	2,246,895
RUSTON, David John	2,238,731	SHIMAZAKI, Wataru	2,246,848	TAT YAN CHENG, Alan	2,215,369
SABNANI, Krishan Kumar	2,244,814	SHIMURA, Akihiro	2,246,830	TAT YAN CHENG, Alan	2,247,229
SAFETRA SYSTEMS CORPORATION	2,243,811	SHOKAKU, Michihiro	2,246,394	TAVERNIER, Frank	2,212,340
SAGAN, Michael J. A.	2,231,485	SHUR, David Hilton	2,245,979	TEKONSHA ENGINEERING COMPANY	2,242,821
SAKAI, Tetsuya	2,239,276	SIGUA, Christopher L.	2,243,985	TELENUS, Haken	2,246,904
SAKAKIBARA, Kenji	2,247,166	SIM, Ho Chin	2,244,286	TENBOKUM, Léo	2,215,097
SAKATA, Shigekazu	2,245,439	SIMION, F. Anthony	2,247,224	Tenneco Packaging Inc.	2,231,485
SALVAGNINI ITALIA S.P.A.	2,244,869	SIMON, Rolf	2,247,538	TERWIESCH, Peter	2,246,388
SAMSUNG ELECTRONICS CO., LTD.	2,246,897	SINGH, Amarjit	2,242,476	THALER, Michael	2,244,436
SAMSUNG ELECTRONICS CO., LTD.	2,246,901	SIX, Thérèse	2,246,858	THAMES WATER UTILITIES LIMITED	2,246,927
SAMUEL MANU-TECH INC.	2,215,070	SKOOG, Kurt	2,215,673	THE ANDREW JERGENS COMPANY	2,247,224
SANCHEZ, Beatriz	2,246,889	SLESSOR, E.M.(Ted)	2,215,858	THE BOC GROUP PLC	2,246,527
SANFORD ACQUISITION COMPANY	2,246,890	SMITH, Christina	2,245,463	THE DOW CHEMICAL COMPANY	2,247,003
SANGL, Reinhard	2,246,932	SMITH, David E.	2,244,814	THE FURUKAWA ELECTRIC CO., LTD.	2,246,473
SAPINO, Chester	2,246,941	SMITH, David Kinney	2,246,821	THE GOODYEAR TIRE & RUBBER COMPANY	2,245,115
SARIN, Vishal	2,246,135	SMITH, Michael D.	2,238,686	THE GOODYEAR TIRE & RUBBER COMPANY	2,245,609
SARSTEDT AG & CO.	2,244,062	SMITHKLINE BEECHAM CORPORATION	2,243,656	THE LAMSON & SESSIONS CO.	2,247,228
SARSTEDT, Walter	2,244,062	SMITHKLINE BEECHAM CORPORATION	2,243,670	THE LUBRIZOL CORPORATION	2,246,493
SAUER, Richard	2,244,436	SOLLAC	2,246,858	THE LUBRIZOL CORPORATION	2,246,788
SAUNDERS, Craig M.	2,231,411	SONY INTERNATIONAL (EUROPE) GMBH	2,246,824	The Standard Oil Company	2,215,672
SAUNDERS, Craig M.	2,231,413	SPIEGEL, Joel	2,246,933	THEMINES, Dominique	2,247,538
SAWKAR, Anil S.	2,244,814	STARINSHAK, Thomas Walter	2,245,115	THEWES, Volker	2,246,888
SAXON, Gregory J.	2,246,178	STEBNER, Guido	2,247,538	THOMAS & BETTS INTERNATIONAL, INC.	2,246,825
SAXON, Gregory J.	2,246,810	STEFANOIU, Dan Constantin	2,215,173	THOMAS & BETTS INTERNATIONAL, INC.	2,246,838
SCHINDLER, Peter	2,246,928	STEIN, Jeffrey A.	2,244,759	THOMAS, James V.	2,215,045
SCHLEMMER, Robert P.	2,244,409	STEIN, Jeffrey A.	2,244,960	THOMPSON, Eugene W.	2,246,963
SCHLINGLOFF, Gunther	2,246,551	STEVENS, Kellie L.	2,246,934	THOMSON, Ian	2,215,369
SCHLOSS, Eric	2,215,349	STIAWA, Ralf	2,244,279	THROUP, John	2,243,656
SCHLUMBERGER CANADA LIMITED	2,244,409	STOCK, Burkhard	2,226,055	THYSEN STAHL AKTIENGESELLSCHAFT	2,247,538
SCHMED, Arthur	2,246,539	STORY, David C.	2,247,224	TITLE WAVE INNOVATIONS	2,246,475
SCHMITZ, Wilhelm	2,247,538	STRADLEY, Gail Francis	2,247,553		
SCHNEIDER (USA) INC.	2,238,109	STRANGE, Andrew H.	2,246,825		
SCHNELL, Chad M.	2,246,880	STRATTON, Donald W.	2,246,812		
SCHNELL, Chad M.	2,246,883	STRAWCZYNSKI, Leo	2,215,075		
SCHNEPPER, Carol A.	2,244,436	STROH, Clinton B.	2,246,890		
SCHOELLER PLAST SA	2,242,883	STUDER, Martin	2,246,551		
SCHOLZ, John A.	2,245,390	STUMP, Heike	2,246,928		
		SUN MICROSYSTEMS, INC.	2,245,611		
		SUPPLEE, William W.	2,246,930		

**Index of Canadian Laid-Open Applications
March 7, 1999 - March 13, 1999**

TOGNON, Nicola	2,244,869	WESTERN ATLAS INTERNA-	
TOKYO GAS COMPANY LI-		TIONAL, INC.	2,244,829
MITED	2,246,842	WESTFALL, David L.	2,246,493
TOSHIMA, Yoshiharu	2,242,890	WESTINGHOUSE AIR BRAKE	
TOYOTA JIDOSHA KABUSH-		COMPANY	2,233,243
IKI KAISHA	2,244,061	WHITE, Jay D.	2,246,890
TRELEAVEN, Philip C.	2,246,780	WHITEHEAD, Robert L.	2,245,031
TREMBLAY, Johanne	2,218,625	WHITMORE, Rebecca E.	2,246,849
TREMBLAY, Réjean	2,214,875	WIKUS-SÄGENFABRIK WIL-	
TRÄNKLER, Hans-Rolf	2,246,772	HELM H. KULLMAN	2,246,552
TSANG, Lan-Jen	2,214,860	WILKENS, Arthur L.	2,214,910
TSUKADA, Yoshiaki	2,244,874	WILLIAMS, Joel L.	2,243,899
TSUNODA, Masaki	2,245,439	WITKOWSKI, Ireneusz	2,245,437
TSUNODA, Masaki	2,246,848	WOLAK, Thomas J.	2,246,788
UDHÖFER, Andreas	2,246,936	WOLLENBERG, Kurt F.	2,246,788
UEMATSU, Kazuo	2,245,639	WRR ENVIRONMENTAL SER-	
UENAKA, Hiroshi	2,244,061	VICES CO., INC.	2,246,814
ULTRAFRAME (UK) LIM-		WYNN, Woodson Dale	2,245,803
ITED	2,233,188	XEROX CORPORATION	2,239,751
UMIKER, Hans	2,242,883	XERXES CORPORATION	2,244,032
UNGAR, David M.	2,245,611	YAMAGUCHI, Seiji	2,246,958
UNI-CHARM CORPORATION	2,246,207	YAMAMOTO, Nobuhiro	2,246,394
UNITED STATES GYPSUM		YAMASAKI, Shigefumi	2,239,276
COMPANY	2,245,492	YAMAUCHI, Ryoza	2,239,276
UNIVERSITY OF VIRGINIA		YIP, Meitak Teresa	2,237,269
PATENT FOUNDATION	2,215,861	YOKOHAMA DENSHI	
UNIVERSITÉ DE MONTRÉAL	2,215,097	KOYO KABUSHIKI	
UNIVERSITÉ LAVAL	2,209,893	KAISHA	2,231,962
USINOR	2,247,538	YOSHIZATO, Katsutoshi	2,214,812
VALGORA, G. Gerald	2,215,070	YUAN, Tsz-Ching J.	2,244,436
VAN BOKHORST, Hendrik	2,246,470	ZALACAIN, Magdalena	2,243,656
VAN DRIEST, Hans	2,246,470	ZEFTEK, INC.	2,245,195
VAN DYK, Thomas	2,246,905	ZELEZNIAK, Aleksandr	2,245,979
VANNUCCI, Giovanni	2,245,290	ZIEMEK, Gerhard	2,247,215
VANNUCCI, Giovanni	2,245,798	ZUMKELLER, Markus	2,246,824
VEMAG MASCHINEN- UND		ZURAWEL, Peter	2,215,173
ANLAGENBAU GMBH	2,247,559	ZWIT, Andrew T.	2,246,177
VENTURELLI, Andrea	2,244,275		
VICENTE, Patrice	2,247,538		
VINAYAGAMOORTHY,			
Thuraiayah	2,215,349		
VÉRTESY, László	2,246,928		
W.DÖLLKEN & CO. GMBH	2,244,071		
WACKNOV, Joel B.	2,246,769		
WADA, Akira	2,239,276		
WADA, Tetsu	2,246,912		
WALLAYS, Nele	2,245,796		
WALLIS, Nicola Gail	2,243,656		
WALLIS, Nicola Gail	2,243,670		
WANEK, Erich	2,247,225		
Warner-Lambert Company	2,214,923		
Warp 10 Technologies Inc.	2,215,270		
WARTEL, Christian	2,244,043		
WASEK, Ray	2,245,401		
WATSON, Richard William	2,246,527		
WATT, Paul William	2,246,895		
WATTS, Gerald D.	2,245,405		
WEBER, Dale A.	2,246,838		
WEIGL, Josef	2,246,932		
WEINGARTNER, Peter	2,246,551		
WEISS, Horst	2,244,283		
WEISS, Horst	2,244,284		
WEST, Robert E.	2,244,759		
WEST, Robert E.	2,244,760		
WEST, Robert E.	2,244,960		
WEST, Robert E.	2,244,966		

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

A. RAYMOND & CIE	2,258,684	ALYN CORPORATION	2,259,448	ASAGI, Kozo	2,259,450
AARON DIAMOND AIDS		ALYN CORPORATION	2,259,483	ASAHI GLASS COMPANY LTD.	2,259,578
RESEARCH CENTRE	2,257,991	AMERICAN CYANAMID COM-		ASAHI, Hitoshi	2,259,241
AARONSON, Alan M.	2,259,189	PANY	2,258,650	ASANO, Tutoshi	2,258,779
AB INITIO SOFTWARE CORPO-		AMERICAN HOME PRODUCTS		ASAO, Tetsuji	2,258,354
RATION	2,259,301	CORPORATION	2,258,536	ASSARGREN, Christian	2,258,625
AB INITIO SOFTWARE CORPO-		AMERMAN, Thomas Robert	2,259,638	ASSELIN, Ulysse	2,258,936
RATION	2,259,362	AMERSHAM PHARMACIA BIO-		AST RESEARCH, INC.	2,259,607
AB SANGTEC MEDICAL	2,259,413	TECH AB	2,259,503	ASTRA AKTIEBOLAG	2,258,077
ABBOTT LABORATORIES	2,258,606	AMERSHAM PHARMACIA BIO-		ASTRA AKTIEBOLAG	2,258,205
ABBOTT LABORATORIES	2,258,609	TECH AB	2,259,648	ASTRA AKTIEBOLAG	2,258,625
ABBOTT LABORATORIES	2,259,127	AMGEN INC.	2,259,156	ASTRA AKTIEBOLAG	2,259,402
ABE, Akiyo	2,258,535	AMGEN INC.	2,259,163	ASTRA AKTIEBOLAG	2,259,645
ABE, Shinya	2,258,079	AMICI, Carla	2,258,675	ASTROM, Richard Lawrence	2,259,331
ABRAHAMSON, Kathleen A.	2,259,199	AMIN, Umesh J.	2,259,329	AT&T WIRELESS SERVICES,	
ABRAMS, Andrew L.	2,259,404	AMLINGER, Heinrich	2,259,660	INC.	2,259,230
ABRATE, Francesca	2,257,404	AMOCO CORPORATION	2,259,611	AT&T WIRELESS SERVICES,	
ADACHI, Hideyuki	2,258,079	AMPULSKI, Robert Stanley	2,258,992	INC.	2,259,238
ADACHI, Junji	2,259,396	AMPULSKI, Robert Stanley	2,259,408	AT&T WIRELESS SERVICES,	
ADAMS, Ronald David	2,258,128	ANANIEV, Vesko	2,259,260	INC.	2,259,273
ADHIKARY, Robert S.	2,259,540	ANCONA, Bruce E.	2,259,684	AT&T WIRELESS SERVICES,	
ADIAM MEDIZINTECHNIK		ANDERSON, Carl J.	2,259,634	INC.	2,259,329
GMBH & CO. KG	2,258,967	ANDERSSON, Loa	2,258,741	ATARASHI, Takafumi	2,258,092
ADVANCED METALS TECH-		ANDERSSON, Tommy	2,259,571	ATKINS, Peter David	2,259,235
NOLOGY CORP.	2,259,182	ANDRE, Michel	2,258,185	ATMEL CORPORATION	2,259,631
ADVANCED PHOTONIX, INC.	2,259,502	ANIMAS CORPORATION	2,259,254	AU-YOUNG, Janice	2,259,135
AFANASJEV, Alexandr V.	2,259,300	ANSMANN, Achim	2,257,966	AUDONNET, Jean-Christophe	2,258,735
AGUIRRE, Sergio	2,259,331	ANTIBIOTICOS, S.A.	2,258,562	AUTHIE, Christian	2,259,280
AIMONE, Lisa D.	2,258,662	ANZA, Laurence	2,259,462	AUTOMOTIVE SYSTEMS LABO-	
AKAIKE, Toshihiro	2,259,139	AOKI, Naohito	2,259,122	RATORY, INC.	2,258,912
AKLINE	2,259,259	APPLIED MEDICAL		AUTOMOTIVE SYSTEMS LABO-	
AKZO NOBEL NV	2,259,189	RESOURCES CORPORA-	2,258,805	RATORY, INC.	2,259,291
ALBEMARLE CORPORATION	2,258,085	TION	2,258,936	AVCO CORPORATION	2,258,999
ALBRECHT, Bernd	2,258,645	APPLIGENE-ONCOR S.A.		AVRIN, William F.	2,258,268
ALBRECHT, Stephen	2,258,657	AQUA-AEROBIC SYSTEMS,		AXYTRANS	2,259,285
ALBRECHT, Stephen	2,258,658	INC.	2,259,517	B & H MANUFACTURING COM-	
ALCATEL	2,259,262	AQUILA BIOPHARMACEUTI-		PANY, INC.	2,259,480
ALCORN, Allan E.	2,259,354	CALS, INC.	2,258,277	BABU, Yarlagadda S.	2,258,217
ALDRED, Peter G.	2,259,137	ARCH TECHNOLOGY CORPO-		BACHINSKI, Shmuel	2,259,347
ALLARD, Delphine	2,258,157	RATION	2,259,245	BADISCHE STAHL ENGINEER-	
ALLAWAY, Graham P.	2,257,991	ARCO CHEMICAL TECHNOL-		ING GMBH	2,259,180
ALLEGHENY-SINGER		OGY, L.P.	2,259,284	BAJIC, Stevan	2,259,352
RESEARCH INSTITUTE	2,258,619	ARCO CHEMICAL TECHNOL-		BAKER HUGHES INCORPO-	
ALLEN, David George	2,258,753	OGY, L.P.	2,259,312	RATED	2,259,176
ALLEN, Jimmy D.	2,259,561	ARDITI, Shmuel	2,259,347	BAKER, Ralph Thomas	2,258,594
ALLIEDSIGNAL INC.	2,259,004	ARGESE, Maria	2,258,768	BALSCHMIDT, Per	2,258,099
ALLIEDSIGNAL INC.	2,259,319	ARIOLI, Antonio	2,259,126	BALTRUSCHAT, Helmut Siegfried	2,258,650
ALLISON, Daniel S.	2,259,145	ARISTECH CHEMICAL CORPO-		BAMBURAK, Michael D.	2,259,230
ALLRED, D. Craig	2,259,154	RATION	2,259,170	BAMBURAK, Michael D.	2,259,238
ALPEGIANI, Marco	2,257,404	ARLINGHAUS, Ralph B.	2,259,144	BARAN, Jozef B.	2,259,607
ALPHA THERAPEUTIC CORPO-		ARNHEDEN, Rolf	2,259,305	BARANTSEVITCH, Evgueni	2,258,264
RATION	2,258,740	ARNOLD & RICHTER CINE		BARBER, Jack	2,258,858
ALTEA TECHNOLOGIES, INC.	2,259,437	TECHNIK GMBH & CO.		BARENKAMP, Stephen J.	2,259,133
ALVERN ASA	2,259,192	BETRIEBS KG	2,259,653	BARK, Lindley W.	2,259,317
ALVERN, Oyvind	2,259,192	ARNOULD, Fabien	2,259,510	BARNETT, Michael	2,259,197
ALVERN, Stein	2,259,192	ARROYO, Georges	2,259,455	BARREDO FUENTE, José Luis	2,258,562
ALYN CORPORATION	2,259,446	ARVIDSSON, Lars-Erik	2,259,503		

Index of PCT Applications Entering the National Phase

BARRERO SERRANO, Felipe	2,259,229	BLW PRÄZISIONSSCHMIEDE		BURGER, Alvin	2,259,211
BASF AKTIENGESELLSCHAFT	2,257,854	GMBH	2,259,186	BURK, Johst	2,259,189
BASF AKTIENGESELLSCHAFT	2,258,551	BOARD OF REGENTS OF THE		BURNETT-CURLEY, Dana	2,258,011
BASF COATINGS AG	2,259,242	UNIVERSITY OF		BURNIE, James Peter	2,259,141
BASIC PATENTS	2,259,576	NEBRASKA	2,259,302	BURROWS, Charles A.	2,259,325
BAUDU, Philippe	2,258,735	BOARD OF REGENTS, THE UNI-		BUSCH, Gerd	2,258,645
BAUER, Charles W.	2,259,611	VERSITY OF TEXAS SYS-		BUTERA, John Anthony	2,258,536
BAUMAN, Richard Frank	2,259,206	TEM	2,259,144	BUTTERLY, Paul Gerard	2,257,968
BAYER AKTIENGESELL-		BOARD OF REGENTS, THE UNI-		BYRON, Kevin Christopher	2,259,546
SCHAFT	2,259,422	VERSITY OF TEXAS SYS-		C.H. & I. TECHNOLOGIES, INC.	2,259,444
BAYER AKTIENGESELL-		TEM	2,259,154	C.R. BARD, INC.	2,258,253
SCHAFT	2,259,434	BOBER, Loretta A.	2,258,752	C.R. BARD, INC.	2,258,657
BAYER AKTIENGESELL-		BOECKERMANN, Thomas A.	2,259,199	C.R. BARD, INC.	2,258,658
SCHAFT	2,259,435	BOGDANOVIC, Borislav	2,259,377	CABLES PIRELLI, S.A.	2,259,299
BAYER AKTIENGESELL-		BOIS, Henri Georges	2,258,113	CALMAR MEDICAL AB	2,258,284
SCHAFT	2,259,438	BOISSET, Jean-Louis	2,259,614	CAMERON, Béatrice	2,258,792
BAYER AKTIENGESELL-		BOISVERT, Joseph Charles	2,259,502	CAMINADE, Jean-Luc	2,258,930
SCHAFT	2,259,553	BOLTON, Sanford M.	2,257,890	CAMPBELL, Michael T.	2,259,207
BAYER AKTIENGESELL-		BONADIO, Jeffrey F.	2,257,976	CANCER RESEARCH CAM-	
SCHAFT	2,259,563	BONFILS, Edwige	2,258,936	PAIGN TECHNOLOGY	
BAYER AKTIENGESELL-		BONO, James Lee	2,258,787	LIMITED	2,258,961
SCHAFT	2,259,660	BOOKBINDER, Louis H.	2,259,147	CANCER RESEARCH CAM-	
BEACHY, Roger N.	2,258,565	BOON-FALLEUR, Thierry	2,259,124	PAIGN TECHNOLOGY	
BEANE, Richard M.	2,259,474	BOONE, Thomas Charles	2,259,163	LIMITED	2,259,149
BEATTY, David Andrew	2,259,411	BORDELLIER, Franck	2,258,959	CANIVET, Yves	2,259,509
BEAVERSON, Gregory K.	2,258,933	BORRA, Jean-Pascal Dominique		CANNON, Larry	2,259,234
BECKER, Eliezer	2,259,236	Maurice	2,259,253	CANTOR, Stephen E.	2,259,290
BELANGER, Philip H.	2,259,153	BOSSE, Rainer	2,259,442	CAPITOL VIAL, INC.	2,258,680
BELL COMMUNICATIONS		BOSTON SCIENTIFIC CORPO-		CARDEN, Robin A.	2,259,446
RESEARCH, INC.	2,259,590	RATION	2,258,128	CARDEN, Robin A.	2,259,448
BELOIT TECHNOLOGIES, INC.	2,259,651	BOTTAZZI, Maurizio	2,258,672	CARDEN, Robin A.	2,259,483
BELTZ, Gerald A.	2,258,277	BOUCHARD, Céline	2,259,038	CARDEON CORPORATION	2,258,641
BELTZER, Morton	2,259,187	BÖTTGER, Angelika	2,259,149	CARFAGNA, Nicola	2,258,627
BENEDETTI, Paolo	2,258,738	BÖTTGER, Volker	2,259,149	CARGILL FRANCE N.V. d/b/a	
BENGTSOON, Bengt	2,258,552	BOUFFAY, Alain	2,258,791	CARGILL MALT DIVISION	
BENSON, Scott C.	2,258,243	BOUVET, Thierry	2,258,959	N.V.	2,259,324
BERHO, Rodrigo	2,259,234	BOUVIER, Michel	2,259,131	CARLBAUM, Nils	2,258,161
BERLOWITZ, Paul J.	2,259,187	BOUVIER, Michel	2,259,132	CARLSON, J. David	2,259,516
BERLOWITZ, Paul Joseph	2,259,206	BOUWMEESTER, Tewis	2,258,789	CARLSSON, Torsten	2,259,315
BESSEY & SOHN GMBH & CO.	2,259,336	BOUZAGLO, Gabriel	2,258,043	CARLUCCI, Giovanni	2,258,484
BETZNER, Andreas Stefan	2,259,126	BOYD, Charles	2,258,821	CARLUCCI, Giovanni	2,258,527
BEWICK-SONNTAG, Christopher		BOYHAN, Laurence Anthony	2,258,864	CARLUCCI, Giovanni	2,259,134
Philip	2,258,484	BRAMBILLA, Enzo	2,258,627	CARLUCCI, Giovanni	2,259,398
BEWICK-SONNTAG, Christopher		BRANEMARK, Per-Ingvar	2,258,782	CARLUCCI, Giovanni	2,259,445
Philip	2,258,527	BRANTON, Philip E.	2,259,152	CARMA, Lee A.	2,259,682
BEZICOT, Eric	2,259,277	BRAUNSPERGER, Guenter	2,259,380	CARO, Richard G.	2,258,263
BEZICOT, Robert	2,259,277	BRAY, Alan V.	2,259,308	CARROLL, Maureen E.	2,259,475
BHATTACHARYA, Prabir	2,258,740	BREED AUTOMOTIVE TECH-		CASCADE ENGINEERING, INC.	2,259,207
BIANCARDI, Gregory F.	2,258,529	NOLOGY, INC.	2,259,392	CASE WESTERN RESERVE UNI-	
BIANCHETTI, Alberto	2,258,074	BRENDEL, Klaus	2,258,013	VERSITY	2,259,248
BIG BEAR BIO, INC.	2,258,661	BRIVET, Jacques	2,257,908	CASTAREDE, Michel	2,259,454
BILLONI, Donald	2,259,321	BROMIDGE, Steven Mark	2,258,240	CASTILLO, Sergio A., Jr.	2,259,589
BINGLEY, Michael S.	2,259,268	BROMIDGE, Steven Mark	2,258,559	CELL PATHWAYS, INC.	2,258,013
BIO-LAB, INC.	2,259,382	BROOKS, Clint D.W.	2,258,609	CELL THERAPEUTICS, INC.	2,258,580
BIO-PLEXUS, INC.	2,258,529	BROWN, Geoffrey A.	2,259,382	CELLULAR TELECOM, LTD.	2,259,161
BIOCRYST PHARMACEUTI-		BROWN, Roger J.	2,259,613	CEPHALON, INC.	2,258,662
CALS, INC.	2,258,217	BRUCKER, George J.	2,259,181	CHABOT, Benoit	2,259,389
BIOENGINEERING		BRUCKERT, Eugene J.	2,259,165	CHAI, Siew Yeen	2,259,137
RESOURCES, INC.	2,259,492	BRUNDELL, Jan	2,259,413	CHAN, Ivan	2,258,042
BIOSEQ, INC.	2,259,318	BRUNEAU, Stephen D.	2,257,341	CHAND, Pooran	2,258,217
BIO SIGNAL INC.	2,259,131	BUCCI, Luke	2,258,803	CHANDLER, Howard Milne	2,259,307
BIO SIGNAL INC.	2,259,132	BÜCHHOLZ, Rainer	2,259,275	CHANG, Wei K.	2,258,044
BIOTEN GP	2,258,579	BÜCHLER, Christian	2,259,580	CHANG, Yi-Chi	2,258,202
BISHOP STEERING PTY. LIM-		BUCK, Kimberly Ann	2,258,860	CHANT, David	2,257,892
ITED	2,259,002	BUCKMAN LABORATORIES		CHAPMAN, Robert L.	2,259,659
BISSOLINO, Pierluigi	2,257,404	INTERNATIONAL, INC.	2,259,227	CHARLES, Kirk W.	2,259,475
BLEIL, Jeffrey D.	2,259,147	BUCKNELL, John Wentworth	2,259,566	CHASE, Kenneth P.	2,259,646
BLUMBERG, Robert	2,259,234	BUHRMANN, Michael	2,259,273	CHATURVEDI, Charu M.	2,254,973
		BUHRMANN, Michael	2,259,329	CHEN, Chi-Fen	2,259,154
		BUNDESDRUCKEREI GMBH	2,259,622	CHEN, Phang-Lang	2,259,154

Index des demandes PCT entrant en phase nationale

CHEN, Tzyy-Show H.	2,257,946	CONSIGLIO NAZIONALE		DELCOUR, Jan	2,259,324
CHEN, Yumay	2,259,154	DELLE RICERCHE	2,258,675	DENDREON CORPORATION	2,259,337
CHEN, Yungwei	2,258,761	COOPER, Jack R.	2,258,761	DENHAM, Keith	2,259,357
CHEN, Zhengjun	2,259,122	COOPER, Robin David Grey	2,258,906	DENIS, Sophie	2,259,590
CHENE, Patrick	2,259,149	COPE, Andrew Christopher	2,259,441	DENNIS, Michael	2,259,131
CHEUNG, Ellen Ngoy Yin	2,259,163	COPPENS, Theo	2,259,324	DENNIS, Michael	2,259,132
CHI, Vrijmoed	2,259,314	CORBIN, Normand D.	2,259,682	DEOGON, Malkit S.	2,259,200
CHIESI FARMACEUTICI S.P.A.	2,259,545	CORDEMAN DE MEULE-		DETABLE, Pascal	2,258,185
CHIESI, Paolo	2,259,545	NAER, Eric	2,259,509	DETLING, Joseph C.	2,259,587
CHIKAMI, Rintaro	2,259,383	CORDES, Herbert	2,258,645	DEUBEL, Donald P.	2,259,436
CHINA PETROCHEMICAL COR-		CORNELL RESEARCH FOUN-		DEUTSCHE THOMSON-	
PORATION	2,258,591	DATION, INC.	2,258,824	BRANDT GMBH	2,259,580
CHIUMINATTA, Alan R.	2,259,596	CORNELL RESEARCH FOUN-		DEV, Nagendu B.	2,258,829
CHIUMINATTA, Edward R.	2,259,596	DATION, INC.	2,259,228	DEV, Sukhendu B.	2,258,829
CHLUDZINSKI, James J.	2,259,529	COSTANZO, Michael J.	2,258,701	DEVIVO, Joseph M.	2,258,193
CHOPIN, Thierry	2,259,281	COUGHLIN, Richard T.	2,258,277	DIAPHARM LIMITED	2,258,871
CHRÉTIEN, Michel	2,259,129	COUPER, Malcolm James	2,259,322	DIBELLA, Paul R.	2,259,325
CHRISTENSEN, Lars Hofmann	2,258,308	COVELEY, Michael	2,259,120	DIBRA S.P.A.	2,258,768
CHRISTOPHERSON, Mark A.	2,258,289	CRAN, James A.	2,259,429	DICKER, Timothy P.	2,259,198
CHRISTOPHERSON, Mark A.	2,258,757	CRAWFORD, J. Fred	2,258,803	DIECKMANN, Michael	2,259,275
CHRISTOPHERSON, Mark A.	2,258,812	CRISPIE, Finbarr J.	2,259,378	DIENER, Ralph	2,257,854
CHRISTOPHERSON, Mark A.	2,259,155	CROTHALL, Katherine D.	2,259,254	DIEZ GARCIA, Bruno	2,258,562
CHRZAN, Michael J.	2,259,516	CROUZET, Joël	2,258,792	DIGI-TECH RESEARCH AND	
CHU, Jia-Ni	2,258,881	CROWELL, Joseph	2,259,426	DEVELOPMENT LIMITED	2,259,235
CIBA SPECIALTY CHEMICALS		CRYSTAL, Ronald G.	2,259,228	DINGMAN, Steven E.	2,259,375
HOLDING INC.	2,258,523	CSEKE, Rudolf	2,259,442	DINGMAN, Steven E.	2,259,410
CIMINI, Carmine	2,258,484	CISISZAR, Katalin	2,258,821	DINGUS, Michael L.	2,259,308
CIMINI, Carmine	2,259,134	CUNDILL, David James	2,259,392	DIVERSA CORPORATION	2,258,512
CINI, Massimo	2,258,074	CUNNINGHAM, Miles G.	2,259,214	DIVERSA CORPORATION	2,259,540
CINTIO, Achille Di	2,258,484	CUSDIN, George	2,259,426	DIVINO, Vincent Jr.	2,258,966
CINTIO, Achille Di	2,258,527	CYTOTHERAPEUTICS INC.	2,258,483	DOBRIN, George Christopher	2,258,845
CLARK, Angelika Howard	2,254,973	CZIPOTT, Peter V.	2,258,268	DOLAN, Shawn E.	2,259,332
CLARK, James E., II	2,259,444	DACUNHA, Kathleen	2,257,892	DOLE, Douglas R.	2,258,486
CLARK, Ross	2,258,213	DADD, Michael William	2,259,605	DOMAGALA, Andrej	2,258,486
CLEMENTE, Thomas E.	2,259,251	DALY, John J.	2,259,230	DONALDSON COMPANY, INC.	2,259,199
CLOYES GEAR AND PROD-		DALY, John J.	2,259,238	DOYLE, Peter John	2,258,849
UCTS, INC.	2,259,391	DAMES, Andrew Nicholas	2,259,191	DORFEL, Walter	2,259,651
CLOYES GEAR AND PROD-		DANA-FARBER CANCER INSTI-		DRAGIC, Tatjana	2,257,991
UCTS, INC.	2,259,497	TUTE	2,258,840	DSM N.V.	2,258,969
COAKLEY, Thomas A.	2,259,646	DANIELS, John J.	2,259,225	DSM N.V.	2,259,626
COBE LABORATORIES, INC.	2,259,472	DANIELS, Johnny	2,259,320	DUAN, Youlu	2,259,364
COBRA THERAPEUTICS LI-		DANIELSSON, Bengt	2,258,941	DUARTE, Elizabeth	2,258,858
MITED	2,258,725	DANSEY, Scott E.	2,254,973	DUBITSKY, Yuri A.	2,258,747
CODELAST LIMITED	2,259,417	DAROIS, Roger	2,258,657	DUBOIS, Jean-Luc	2,257,902
COELHO, Philip H.	2,258,283	DASHEVSKY, Sophia	2,259,189	DUBOIS, Jean-Luc	2,257,913
COINSTAR, INC.	2,259,234	DAVIES, Christine	2,258,614	DUGAR, Sundee	2,258,044
COLEMAN, George E.	2,259,245	DAVIES, Mary Ellen	2,258,568	DUGGAN, Mark E.	2,258,093
COLLAS, Guy	2,258,791	DAVIS, Brian T.	2,259,306	DUMOND, Robert A.	2,259,388
COLLINS, Emory D.	2,255,573	DAVIS, John W.	2,258,072	DUNBAR, Daniel P.	2,257,539
COMALCO ALUMINIUM LIM-		DAVIS, Richard C.	2,258,869	DUNSHIEE, Wayne K.	2,259,370
ITED	2,259,322	DAVIS, Stephen J.	2,259,664	DUPRET, Daniel	2,258,936
COMBIMATRIX CORPORA-		DAVYDKIN, Nikolay F.	2,259,300	DUPUIS, Dominique	2,259,281
TION	2,259,523	DAY, Robert	2,259,129	DURACELL INC.	2,258,714
COMFORT PRODUCTS LTD.	2,259,613	DAYCO PRODUCTS, INC.	2,258,761	DURACELL INC.	2,259,574
COMFORT, Sarah F.	2,258,213	DE BLOCK, David A.	2,259,419	DURAFIBRE INC.	2,259,592
COMMONWEALTH SCIENTIFIC		DE KOCHKO, Alexandre	2,258,565	DURAND, Maurice	2,258,936
AND INDUSTRIAL		DE LA CRUZ, Norberto B.	2,259,138	DUVDEVANI, Ilan	2,259,167
RESEARCH ORGANISA-		DE ROBERTIS, Edward M.	2,258,789	DYMAX CORPORATION	2,259,290
TION	2,259,126	DE ROSIER, Therese A.	2,259,138	D'ALESSIO, Nicola	2,259,445
COMMONWEALTH SCIENTIFIC		DE SALVO, Ross	2,259,545	D'ARCANGELIS, Stephen	2,257,833
AND INDUSTRIAL		DE SMIRNOFF, Olivier	2,259,269	E-L MANAGEMENT CORPORA-	
RESEARCH ORGANIZA-		DE SMIRNOFF, Olivier	2,259,274	TION	2,257,892
TION	2,259,559	DE SMIRNOFF, Olivier	2,259,276	E. I. DU PONT DE NEMOURS	
COMPUTER MOTION, INC.	2,259,272	DE TULLIO, Pascal	2,258,100	AND COMPANY	2,258,594
CONJUCHEM, INC.	2,258,516	DEBACKER, Olivier	2,259,124	E. I. DU PONT DE NEMOURS	
CONNOR-WARD, Danette V.	2,259,251	DECKER, Raymond F.	2,256,709	AND COMPANY	2,259,559
CONNORS, Donald F., Jr.	2,258,999	DEFAZIO, Samuel	2,259,544	E. I. DUPONT DE NEMOURS	
CONRAN, Sébastien	2,259,524	DEL CORNO, Marco	2,259,545	AND COMPANY	2,259,196
CONRAN, Sébastien	2,259,525	DELANEY, Terrence Patrick	2,258,576	E.I. DU PONT DE NEMOURS	
		DELARUE, Jacques	2,258,100	AND COMPANY	2,259,223

Index of PCT Applications Entering the National Phase

EDERER, Ingo	2,259,311	EXXON RESEARCH AND ENGI- NEERING COMPANY	2,259,201	GALDERMA RESEARCH & DEVELOPMENT, S.N.C.	2,257,898
EDMOND, Gary L.	2,258,529	EXXON RESEARCH AND ENGI- NEERING COMPANY	2,259,206	GALLANT, John K.	2,259,263
EDSTRÖM, Curt	2,259,385	EZRIN, Alan M.	2,258,516	GALLANT, John K.	2,259,271
EDWARDS, Carl K., III	2,259,156	EZY-DETEK (EDI) INC.	2,259,038	GALLO, Anthony B.	2,258,042
EFFEM GMBH	2,258,645	F.HOFFMANN-LA ROCHE AG	2,258,095	GÄLWEILER, Leo	2,259,125
EGBERTSON, Melissa S.	2,257,937	FALO, Louis D., Jr.	2,258,840	GAMLIEL, Avraham	2,259,236
EGBERTSON, Melissa S.	2,258,093	FARMER, Andrew A.	2,259,154	GANDIONCO, Isidro Matias	2,259,213
EIDENS, Richard S.	2,259,372	FAUQUET, Claude	2,258,565	GANNON, Peter	2,259,369
EISAI CO., LTD.	2,258,079	FAZIO, Michael B.	2,259,646	GAPLAST GMBH	2,258,853
EK, Steven	2,259,474	FEDELE, Mary J.	2,259,251	GAPLAST GMBH	2,259,534
EK, Steven	2,259,475	FEKETE, Istvan	2,259,338	GARACI, Enrico	2,258,675
EKCO HOUSEWARES, INC.	2,259,684	FELDMAN, Rubin	2,259,200	GARCIA-ECHEVERRIA, Carlos	2,259,149
EKLUND, Thomas	2,259,571	FERAG AG	2,259,405	GARTNER, Bradley Francis	2,258,997
EKSTRÖM, Björn	2,259,503	FERES, Fred F.	2,259,634	GATEWAY 2000, INC.	2,259,286
ELDRED, Colin David	2,258,753	FERGUSON, Gary W.	2,259,171	GATEWAY 2000, INC.	2,259,338
ELECTRONIC PROGRAMMING AND DESIGN INC.	2,259,232	FERNANDEZ CANON, José Man- uel	2,258,562	GEMPLUS	2,259,528
ELFSTRAND, James K.	2,259,199	FERRING B.V.	2,258,552	GEMPLUS S.C.A.	2,259,287
ELI LILLY AND COMPANY	2,258,556	FEVA N.V.	2,258,501	GENENTECH, INC.	2,258,721
ELI LILLY AND COMPANY	2,258,906	FILTERWERK MANN + HUM- MEL GMBH	2,259,173	GENERAL ELECTRIC COM- PANY	2,254,973
ELIA, Giuliano	2,258,675	FINE, Jay S.	2,258,752	GENETRONICS, INC.	2,258,829
ELLINGSON, Thomas	2,259,682	FINK, David J.	2,259,390	GEOFFROY, Marc	2,259,285
ELLIS, Daniel Murray	2,258,576	FISHER, Eric F.	2,259,156	GERMANY, Cheryl	2,259,234
ELSCHNER, Andreas	2,259,563	FITZPATRICK, Vincent Danial	2,258,721	GERRITY, Dan	2,259,234
ELY, David Thomas Eliot	2,259,191	FLAHERTY, Bryan Patrick	2,258,263	GHAI, Geetha	2,258,821
EMISPHERE TECHNOLOGIES, INC.	2,258,264	FLEXIBLE PRODUCTS COM- PANY	2,258,259	GHANGAS, Gurdev S.	2,258,824
EMMONS, Kurry Brian	2,257,833	FLEXICO-FRANCE	2,258,113	GIACALONE, Louis David Jr.	2,259,197
ENGBER, Thomas M.	2,258,662	FLIGGE, Aribert	2,259,409	GIESE, Erik O.	2,259,613
ENGELHARD CORPORATION	2,259,587	FMC CORPORATION	2,259,589	GILBERT, Timothy G.	2,259,286
ENGELSMAN, Jonathan R.	2,259,169	FORBES, Ian Thomson	2,258,240	GILBERT, Timothy G.	2,259,338
ENGLEMAN, Edgar G.	2,259,337	FORBES, Ian Thomson	2,258,247	GILCHRIST, Rodney D.	2,259,314
ENNS, Robert	2,259,208	FORESTIER, Serge	2,258,157	GILL, George Michael	2,259,485
ENRON LNG DEVELOPMENT CORP.	2,259,429	FORTIER, Michel	2,259,038	GILLESEN, Hubert Jean Marie François	2,258,501
ENVIRONMENTAL TEST SYS- TEMS, INC.	2,259,164	FOSTER POULTRY FARMS, INC.	2,259,178	GIORDANI, Antonio	2,258,074
EPPSTEIN, Jonathan A.	2,259,437	FOSTER-MILLER, INC.	2,259,363	GIORGINI, Gennaro	2,259,398
ERDERLY, Thomas Craig	2,259,529	FOTINOS, Spiros	2,258,242	GIORGINI, Gennaro	2,259,445
ERICKSON, Stewart E.	2,259,267	FOURNIER, Christian Gilles	2,259,269	GIRARDIN, Denis	2,259,510
ESAB AB	2,258,524	FOURNIER, Christian Gilles	2,259,274	GIUNTOLI, Robert W.	2,259,265
ETABLISSEMENTS CAILLAU	2,258,185	FOX, Francis Joseph	2,259,276	GLAXO GROUP LIMITED	2,258,753
ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARMEMENT	2,259,269	FOX, Stephen E.	2,259,334	GLEESON, Bentley Francis	2,258,952
ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARMEMENT	2,259,274	FRAMATOME	2,259,682	GLOVER, Daniel E.	2,259,227
ETAT FRANÇAIS, représenté par LE DELEGUE GENERAL POUR L'ARMEMENT	2,259,276	FREDRIKSEN, T. Roland	2,259,468	GOLBLISH, Todd	2,259,155
ETIENNE LACROIX TOUS ARTI- FICES S.A.	2,259,280	FREED, Daniel C.	2,259,659	GODICI, Patrick E.	2,259,187
ETIENNE LACROIX TOUS ARTI- FICES S.A.	2,259,452	FRENCH, Glen	2,258,568	GOLDEN LADY S.P.A.	2,259,221
ETIENNE LACROIX TOUS ARTI- FICES S.A.	2,259,454	FRETSCHNER, Erich	2,258,657	GOLDEN LADY S.P.A.	2,259,359
EUROFERM GMBH	2,259,275	FRIBERG, Claes	2,257,854	GOLDING, Bernard Thomas	2,258,725
EVANS, Jeannette M.	2,258,213	FRIEDL, Georg	2,258,625	GOLDSMITH, Elizabeth	2,259,323
EVERHART, Daniel	2,259,234	FRIEDRICH, Leslie Bethards	2,259,380	GOLDSMITH, John	2,259,323
EXIDE CORPORATION	2,259,634	FRISTROM, Ola	2,259,624	GOLDSTEIN, Steven	2,257,976
EXXON CHEMICAL PATENTS INC.	2,259,167	FRISTROM, Ola	2,259,627	GOMES, Gary G.	2,259,480
EXXON CHEMICAL PATENTS INC.	2,259,205	FROMMANN, Klaus	2,259,409	GOPALAKRISHNA, Haregoppa S.	2,259,494
EXXON CHEMICAL PATENTS INC.	2,259,529	FRY, Joyce E.	2,259,251	GORDON, David P.	2,258,128
EXXON RESEARCH AND ENGI- NEERING COMPANY	2,259,187	FRYKHULT, Rune H.	2,259,688	GORG, Donald A.	2,259,240
		FU, Xiaoyong	2,258,681	GOSSELINK, Eugene Paul	2,257,945
		FUKAI, Hideaki	2,259,241	GRABOWSKI, Wojciech	2,258,708
		FUKATA, Fumio	2,257,882	GRACE, Michael J.	2,258,752
		FUKUOKA, Yko	2,259,223	GRACEFFA, Russell Francis	2,258,536
		FUKUOKA, Yoko	2,259,196	GRADUAL PTY. LTD.	2,258,864
		FURET, Pascal	2,259,149	GRASEGGER, Josef	2,259,311
		GADDY, James L.	2,259,492	GRAVES, Sharon Anne	2,257,945
		GADONNIEUX, Dennis Michael	2,259,518	GRAVLEE, Joseph F., Jr.	2,259,036
		GAGLIARDI, Ivano	2,259,134	GREEN, David J.	2,259,318
		GAGLIARDINI, Alessandro	2,259,134	GREEN, Russell B.	2,259,202
		GAHN, Bernd	2,259,305	GREEN, Steven R.	2,259,282
				GREGORY, Steven	2,258,901
				GRETHIER, Uwe	2,258,551
				GRIESBACH, Henry Louis, III	2,259,177
				GRIFFIN, Roger John	2,258,725

Index des demandes PCT entrant en phase nationale

GROMEK, Bruno	2,259,454	HEILING, Peter	2,259,380	HOWELL, Stephen B.	2,259,208
GRÖNVOLD-HANSEN, Christen	2,258,207	HEIN, Mich B.	2,259,147	HSIEH, Yen-Ping Chin	2,259,304
GROSS, Laurence Herbert	2,259,264	HEIN, Peter	2,259,193	HU, Zhihai	2,258,591
GROSS, Paul	2,258,013	HEINZL, Joachim	2,259,311	HUBER, Otto-Sebastian	2,259,380
GROSSMAN, William	2,257,946	HEKAL, Ihab M.	2,258,680	HUET, Cédric	2,259,287
GRÜNFELD, Tina	2,259,645	HELLMARK, Martin	2,259,315	HUEY, Larry J.	2,259,646
GRUYS, Kenneth J.	2,259,251	HELMSTETTER, Jack G.	2,259,393	HUGHES, Claude L., Jr.	2,258,525
GRYCZA, Daniel	2,259,280	HENKE, Stephan	2,258,539	HUGHES, Morgan M.	2,259,561
GUARRACINO, Mario	2,259,134	HENKEL CORPORATION	2,259,332	HUNTER, Allison Kay	2,258,860
GUIDETTI, Giuliano	2,258,672	HENKEL KOMMANDITGESELL- SCHAFT AUF AKTIEN	2,257,966	HUNZIKER, Ernst B.	2,258,601
GUILFORD PHARMACEUTI- CALS INC.	2,258,587	HENKEL KOMMANDITGESELL- SCHAFT AUF AKTIEN	2,259,387	HUOVILA, Jyrki	2,258,232
GUILFORD PHARMACEUTI- CALS INC.	2,258,589	HENKEL-ECOLAB GMBH & CO. OHG	2,259,326	HUTCHINS, James Peyton	2,257,945
GUMASTE, Anand V.	2,259,404	HENKELMAN, Michael L.	2,259,204	HWANG, Yeou H.	2,259,169
GUMBUSTER INTERNA- TIONAL LIMITED	2,259,342	HENLIN, Jean-Martin	2,258,684	IANUA S.P.A.	2,259,531
GUNN, David E.	2,258,609	HENRIET, Eric B.	2,257,908	IBANEZ-MEIER, Rodrigo	2,259,331
GUO, Yajun	2,258,082	HERBST, David Richard	2,258,536	ICOS CORPORATION	2,259,145
GUSTMAN, Samuel	2,259,610	HERSHENSON, Susan Irene	2,259,163	IGUCHI, Seiichiro	2,258,535
GUTKNECHT, Wilfried	2,259,461	HERTIG, Guido	2,259,442	IHLE, Nathan C.	2,258,093
GUTMANN, Peter	2,259,186	HESS, Robert A.	2,259,318	IMMUNEX CORPORATION	2,259,140
GWINN, Kenneth W.	2,259,373	HIGHER DIMENSION MEDICAL INC.	2,259,486	IMMUSOL INCORPORATED	2,258,858
H.B. FULLER LICENSING & FINANCING, INC.	2,259,364	HILL, Leslie G.	2,259,592	INAI, Masatoshi	2,258,535
H.C. STARCK GMBH & CO. KG	2,259,461	HINCHEE, Maud A.W.	2,259,251	INCYTE PHARMACEUTICALS, INC.	2,259,135
HAASE, Georg	2,259,283	HIRAMOTO, Shigeru	2,258,487	INDUSTRIAL SOUND TECH- NOLOGIES INC.	2,258,493
HADAR, Rami	2,259,347	HIRAMOTO, Shigeru	2,259,159	INGERSOLL CUTTING TOOL COMPANY	2,259,250
HAEFNER, Klaus	2,259,380	HIROKAWA, Kazuharu	2,259,383	INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)	2,258,872
HAGEMAN, Martin P.	2,259,249	HIROSE, Takehiko	2,259,219	INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHER- CHE MÉDICALE	2,259,283
HAGEMAN, Martin P.	2,259,361	HITACHI METALS, LTD.	2,259,586	INTEGRATED SENSOR SOLU- TIONS	2,259,378
HAIM, John W.	2,259,351	HITACHI, LTD.	2,259,554	INTERACTIVA BIOTECHNOLO- GIE GMBH	2,258,941
HALL, Herbert L., Jr.	2,259,692	HITZSCHKE, Lothar	2,259,365	INTERDIGITAL TECHNOLOGY CORPORATION	2,259,257
HALLBERG, Hakan	2,259,571	HJERTMAN, Birger	2,259,442	INTERDIGITAL TECHNOLOGY CORPORATION	2,259,261
HALPRYN, Bruce Martin	2,258,202	HLAVINKA, Dennis	2,259,472	INTERDIGITAL TECHNOLOGY CORPORATION	2,259,351
HAMAMOTO, Rika	2,258,535	HO, Chi-Tang	2,258,821	INVANTEK TECHNOLOGIES CORP.	2,259,171
HAMPER, Bruce C.	2,258,215	HO, Thoi H.	2,259,561	INZANA, Thomas J.	2,258,168
HAMPSHIRE HOLOGRAPHIC MANUFACTURING CORP.	2,258,914	HOCHKEPPEL, Heinz-Kurt	2,259,149	IPW WEINFELDEN AG	2,259,121
HANCOCK, Anthony	2,259,495	HOCHMAN, David	2,259,347	IRAUSA INGENIERIA, S.A.	2,259,229
HANNECART, Baudouin	2,259,509	HOCHMAN, David Charles	2,259,341	IRAUSA INGENIERIA, S.A.	2,259,231
HANSEN, Holger Claus	2,258,100	HOCHSTEIN, Peter A.	2,259,258	ISERENTANT, Dirk	2,259,324
HANSEN, John Bondo	2,258,100	HOCHSTEIN, Peter A.	2,259,401	ISHIHARA, Hiroki	2,258,079
HANSEN, John C.	2,258,933	HODGES, Charles H.	2,259,249	ISIS INNOVATION LIMITED	2,259,605
HANSEN, Niels-Aage	2,258,491	HODGES, Charles H.	2,259,361	ISKANDARANI, Bassel	2,257,946
HANSEN, Rikard Darrell	2,258,997	HOECHST AKTIENGESELL- SCHAFT	2,258,539	ISRAELSSON, Anette	2,258,077
HARDING, Joseph James	2,259,266	HOECHST MARION ROUSSEL	2,257,902	ITO, Kunio	2,258,159
HARDTMANN, Dirk J.	2,259,317	HOECHST MARION ROUSSEL	2,257,913	ITO, Seiji	2,259,536
HARLING, John David	2,258,238	HOECHST MARION ROUSSEL	2,258,152	IWASAKI, Takayuki	2,259,554
HARRIGAN, William C.	2,259,483	HOEKSTRA, William J.	2,258,701	JACK KENNEDY METAL PROD- UCTS & BUILDINGS, INC.	2,257,865
HARRIS CORPORATION	2,259,341	HOELLMUELLER, Thomas	2,258,650	JACKMAN, Mark Richard	2,258,961
HART, Charles C.	2,259,347	HOFFER'S INC.	2,259,204	JACKSON, Allen	2,259,347
HARTL, Axel Paul	2,258,805	HOFFMAN, Lloyd	2,259,228	JACKSON, Allen Lee	2,259,341
HARTMAN, George D.	2,257,854	HOFFSTÄTTER, Thibaud	2,258,310	JACKSON, Paul F.	2,258,587
HARTMAN, George D.	2,257,937	HOFMANN, Gunter A.	2,258,829	JACKSON, Paul F.	2,258,589
HASEGAWA, Ryusuke	2,258,093	HOFMANN, Jürgen	2,257,854	JACOBI, James J., Jr.	2,258,816
HASHIMOTO, Noboru	2,259,319	HÖGANÄS AB	2,258,161	JÄGER, Karl-Friedrich	2,257,854
HAUBRICHS, Rolf	2,259,396	HOLCOMB, Robert R.	2,258,852	JAKUPOVIC, Edib	2,258,205
HAUN, Forrest A.	2,258,708	HOLCOMB, Robert R.	2,258,854	JAMONT N.V.	2,259,524
HAVELUND, Svend	2,258,662	HOLDAWAY, Richard G.	2,258,529	JAMONT N.V.	2,259,525
HAWKINS, David William	2,258,097	HOLLAND SWEETENER COM- PANY V.O.F.	2,259,491		
HAWKINS, Marcus J.	2,257,825	HOLLAND, James F.	2,259,136		
HAYAKAWA, Eiji	2,259,664	HONG, Chin	2,259,544		
HAYOZ, Pascal	2,258,159	HORN, Marcus J.	2,259,648		
HAZLETT, Tyrone F.	2,258,523	HÖRNBERG, Irene	2,258,284		
HEATON, Lisa W.	2,258,483	HOWARD FLOREY INSTITUTE OF EXPERIMENTAL PHYS- IOLOGY AND MEDICINE	2,259,137		
HEBERT, Terence E.	2,258,193	HOWE, Arlene R.	2,259,251		
HEBERT, Terence E.	2,259,131				
HEIKKILÄ, Kari	2,259,132				
	2,258,566				

Index of PCT Applications Entering the National Phase

JANSEN, Josef	2,258,967	KELLY, Warren Mark	2,259,438	KRAMER, Gwen H.	2,259,419
JANSSEN PHARMACEUTICA N.V.	2,258,165	KELLY, Warren Mark	2,259,553	KRAMER, Kenneth A.	2,257,946
JAPAN FINE COATINGS CO., LTD.	2,259,626	KEMPER, Astrid Elisabeth	2,259,491	KRAMER, Thomas	2,258,072
JAPAN TOBACCO INC.	2,258,053	KENNEDY, John M.	2,257,865	KRANTZ, Alexander	2,258,516
JARVINEN, Jouko	2,259,531	KENNEDY, William R.	2,257,865	KRAUSE, Frank	2,259,476
JAYO, Manuel J.	2,258,525	KENNEL, Philippe	2,259,283	KREGEL, Gebhard	2,258,645
JENKINS, Harry H.	2,259,354	KEOGH, Derek Thomas	2,259,342	KRENER, Ole Game	2,259,244
JENNINGS, Deborah	2,257,892	KEOHANE, Gilroy John	2,257,968	KRISTJANSDOTTIR, Sigrídur Soley	2,258,594
JENSEN, Steen	2,258,099	KERAVISION, INC.	2,259,213	KROIN, Julian Stanley	2,258,556
JEREBIC, Simon	2,259,365	KERSEY, Alan D.	2,259,184	KRONENBERG, Stanley	2,259,181
JEWELL, David E.	2,258,214	KHANNA, Yash Pal	2,259,004	KRUDE, Torsten	2,258,961
JOALTO DESIGN, INC.	2,258,998	KHARITONENKOV, Alexei Igor- evich	2,259,122	KRUPEY, John	2,259,615
JOHNSON & JOHNSON CON- SUMER COMPANIES, INC.	2,258,042	KIEFT, Gary L.	2,259,156	KUDO, Hitoshi	2,259,386
JOHNSON & JOHNSON MEDI- CAL LTD.	2,258,849	KILLE, Peter	2,259,151	KUDO, Hitoshi	2,259,396
JOHNSON, Jay Earl	2,258,576	KIM, Jeonok T.	2,259,187	KUMAGAI, Yoshinari	2,258,661
JOHNSON, Michael H.	2,259,176	KIM, Jin-Seok	2,259,139	KUMAR, Rajan	2,258,742
JOHNSON, William Bennett	2,259,250	KIM, Ki-Soo	2,259,189	KÜNZLER, Ernst	2,259,121
JOHNSON, William J.	2,259,175	KIM, Sung Wan	2,259,139	KUO, David L.	2,257,998
JOHNSTON, Robert T.	2,259,561	KIM, Yeong Woong	2,259,122	KURDI-HAIDAR, Buran	2,259,208
JOMET OY	2,258,566	KIM, Young Hwa	2,259,486	KUROTORI, Katsuya	2,259,172
JONAS, Friedrich	2,259,563	KIMBALL, Victor E.	2,259,412	KUSHIDA, Takahiro	2,259,241
JONAS, Gerd	2,259,476	KIMBERLY-CLARK WORLD- WIDE, INC.	2,257,808	KVAERNER PULPING AB	2,258,207
JONES, Barbara L.	2,259,664	KIMBERLY-CLARK WORLD- WIDE, INC.	2,259,177	KWOK, Daw-long Albert	2,258,681
JONES, Diane C.	2,259,154	KIMER, Lone Logstrup	2,258,099	KYLIN, Peter	2,258,207
JONKKA, Arvo	2,259,599	KIMMER, Klaus	2,259,180	KYOTO PHARMACEUTICAL INDUSTRIES, LTD.	2,257,882
JORDAN, Charles S.	2,259,272	KIMURA, Shin	2,259,554	KYOWA HAKKO KOGYO CO., LTD.	2,258,159
JOSEPH, Mark C.	2,259,613	KING, Francis David	2,258,247	LABHASSETWAR, Vinod	2,257,976
JOSTAD, Leon Leslie	2,259,502	KING, Patrick D.	2,259,488	LACOMBE, Jean-Marc	2,259,285
JSR CORPORATION	2,259,626	KINOSHITA, Nobuhiro	2,258,487	LACRAMPE, Jean Fernand Armand	2,258,165
JUDKINS, Brian David	2,258,753	KINOSHITA, Nobuhiro	2,259,159	LADDEN, Gregory C.	2,259,165
JULIAN, Thomas Benjamin	2,258,619	KINSEY, Philip S.	2,258,529	LAGET, Anne	2,259,287
JUPILLE DESIGN, INCORPO- RATED	2,259,178	KINUGAWA, Kensaku	2,259,396	LAMAR SIGNAL PROCESSING LTD.	2,259,256
JUPILLE, Henry	2,259,178	KISER, Joseph H.	2,259,662	LAMPSON, Ronald	2,258,253
JUSTMANN, David Andrae	2,257,808	KISHORE, Ganesh M.	2,259,251	LAMPSON, Patricia Lee	2,258,860
JYNGE, Per	2,258,299	KLEEMANN, Axel	2,258,650	LANE, David	2,259,149
KABASAWA, Yasuhiro	2,258,079	KLEIN TOOLS, INC.	2,259,620	LANGKJAER, Liselotte	2,258,097
KABUSHIKI KAISHA KOBE SEIKO SHO	2,259,241	KLEIN, Jay	2,259,347	LANNER, David Arthur	2,259,304
KAHN, Axel	2,259,283	KLEIN, Karl-Heinz	2,259,180	LAPINSKI, Mark	2,259,201
KAHN, Jay Ian	2,258,993	KLEIN, Richard T., Jr.	2,259,620	LARIONOV, Vladimir L.	2,259,158
KAIMAI, Norimitsu	2,259,579	KLEMS, William F.	2,259,288	LARKIN, Barry E.	2,259,668
KAMIL, Ifrikhar	2,259,288	KLICH, Michel	2,258,152	LARSEN, Bradley J.	2,259,631
KANEKA CORPORATION	2,258,836	KLIMMEK, Helmut	2,259,476	LARSSON, Bertil	2,259,300
KANTARDJIEFF, Alexandra	2,259,381	KLINE, Kevin B.	2,258,901	LARSSON, Rolf	2,258,524
KANTOR, Martin L.	2,258,264	KLITGAARD, Peter Christian	2,258,309	LASKEY, Ronald Alfred	2,258,961
KARLISCH, Thierry	2,259,528	KLÖPFER, Gerhard	2,259,336	LASSER, Clifford A.	2,259,301
KARLSSON, Jan Olof Gustav	2,258,299	KNAPP, Alfons	2,259,424	LASSER, Clifford A.	2,259,362
KARLSTRÖM, Bo	2,259,571	KNAPP, Fum F., Jr.	2,255,573	LATHAM, Shawn D.	2,258,740
KATSUNUMA, Nobuhiko	2,258,354	KNEER, Roland	2,258,853	LAUGHARN, James A., Jr.	2,259,318
KAUFMANN, Georg	2,257,281	KNEER, Roland	2,259,534	LAURIN, Patrick	2,258,152
KAWA, Rolf	2,257,966	KNIGHT, Ernest Jr.	2,258,662	LAUS, Reiner	2,259,337
KAWAKAMI, Keiichi	2,258,535	KOBAYASHI, Akira	2,258,836	LAUTERJUNG, Karl-Lutz	2,258,732
KAWAMURA, Koji	2,258,487	KOBAYASHI, Katsuya	2,259,586	LAVIE, Efraim	2,258,631
KAWAMURA, Koji	2,259,159	KOBAYASHI, Yuta	2,257,882	LAVIPHARM S.A.	2,258,242
KAWASAKI STEEL CORPORA- TION	2,259,241	KODAMA, Kohtarou	2,258,079	LAVOIE, Josee N.	2,259,152
KAY, John	2,259,151	KOHRI, Hideaki	2,259,450	LAWLER MANUFACTURING	2,258,901
KAY, Timothy L.	2,259,168	KOLASA, Teodozj	2,258,609	LAWRENCE, Christopher Gregory	2,259,230
KELKAR, Chandrashekar P.	2,259,170	KONINKLJKE KPN N.V.	2,259,568	LAWRENCE, Christopher Gregory	2,259,238
KELLEY COMPANY, INC.	2,259,249	KONO, Koichi	2,259,579	LAWREY, Bruce	2,259,284
KELLEY COMPANY, INC.	2,259,361	KOPP, Dennis Allen	2,254,973	LAWTON, Kay Ann	2,258,576
KELLY, David H.	2,259,592	KOPPETZ, Michael	2,259,653	LAZZZY WAY	2,257,539
KELLY, Warren Mark	2,259,422	KORMAN, David J.	2,259,128	LE LAN, Jean-Yves	2,259,269
KELLY, Warren Mark	2,259,434	KOSAL, Esin Fatma	2,257,968	LE LAN, Jean-Yves	2,259,274
KELLY, Warren Mark	2,259,435	KOSUGE, Masahiko	2,259,536	LE LAN, Jean-Yves	2,259,276
		KOUPRINA, Natalay Y.	2,259,158	LE, Tam Phuong	2,259,559
		KOVAC, Tim J.	2,258,072	LE-KHAC, Bi	2,259,312
		KOVACS, Gregory T.A.	2,259,406		
		KOZLOWSKI, Joseph A.	2,258,044		

Index des demandes PCT entrant en phase nationale

LEAVITT, Markley C.	2,258,858	LUMMA, William C.	2,257,937	MATHY, Wolfgang	2,259,461
LEBRUN, Philippe	2,258,100	LUNDIN, Lars	2,259,690	MATSUSHITA ELECTRIC	
LECLERC, Guy	2,259,129	LUSIGNEA, Richard W.	2,259,363	INDUSTRIAL CO., LTD.	2,259,196
LEDUC, Michel	2,259,528	LUTTMANN, Jürgen	2,258,645	MATSUSHITA ELECTRIC	
LEDUC, Philip J.	2,259,592	LYON, Robert Arthur	2,258,202	WORKS, LTD.	2,259,386
LEE, Linda	2,258,243	L'ORÉAL	2,258,157	MATSUSHITA ELECTRIC	
LEE, Ping I.	2,258,679	L'UNIVERSITE DE MONTREAL	2,259,131	WORKS, LTD.	2,259,396
LEE, Ping I.	2,258,683	M.G.I. COUTIER SA	2,258,959	MATSUURA, Masayuki	2,259,174
LEE, Wen-Hwa	2,259,154	MAASLAND N.V.	2,259,577	MATTHEWS, Ruth Christine	2,259,141
LEETE, Gary Maxwell	2,259,498	MABIRE, Dominique Jean-Pierre	2,258,165	MATTHAI, Michael	2,258,678
LEEVES, Nigel John	2,258,199	MACKAY, Joseph Edgar	2,259,004	MATZAT, Norbert	2,258,678
LEGOUX, Jacques	2,259,188	MACLEOD, Angus Murray	2,258,051	MAURIZOT, Jean-Claude	2,258,936
LEICHTER, Geneviève	2,259,454	MACLIN, Keith M.	2,258,587	MAX-PLANCK-GESELL-	
LEITMAN, Daniel S.	2,259,166	MACLIN, Keith M.	2,258,589	SCHAFT ZUR FÖRDERUNG	
LEONARD, Paul	2,259,234	MACOVIAK, John A.	2,258,641	DER WISSENSCHAFTEN	
LEPELTIER, Marie-Francoise	2,259,509	MACRAE, Alasdair Robin	2,258,614	E.V.	2,259,122
LEUCA, Ilana A.	2,259,273	MACRELLI, Guglielmo	2,259,531	MAX-PLANCK-GESELL-	
LEUNG, David W.	2,258,580	MACRINA, Francis L.	2,258,011	SCHAFT ZUR FÖRDERUNG	
LEVI, Shem-Tov	2,259,564	MADDON, Paul J.	2,257,991	DER WISSENSCHAFTEN	
LEVIN, Philip S.	2,258,966	MADER, Stefan	2,259,336	E.V.	2,259,125
LEVINE, Leon	2,259,290	MADSEN, Karsten Schack	2,258,738	MAY, Stephen	2,259,375
LEVY, Robert J.	2,257,976	MAGNA LOMASON CORPORA-		MAY, Stephen	2,259,410
LEW, Rebecca A.	2,259,137	TION	2,259,288	MAYER, Timothy M.	2,259,226
LEZAMA ARGAEZ, Hector		MAGOVERN, Christopher J.	2,259,228	McDONALD, Gerald	2,259,303
Alberto	2,259,528	MAIER, Thomas	2,258,650	McDONALD, Thomas L.	2,259,302
LI, Rebecca	2,258,483	MAIN, Lauren O.	2,258,128	McFALL, Ronald Ray	2,258,860
LIFE SCIENCE RESOURCES		MAINIL-VARLET, Pierre	2,258,281	McGEE, Dennis Emmett	2,259,597
LIMITED	2,259,477	MAITI, Indu B.	2,259,210	MCI COMMUNICATIONS COR-	
LIGOCHEM, INC.	2,259,615	MALCOLM, John J.	2,259,215	PORATION	2,259,175
LIKIBI, Parfait Jean Marie	2,254,973	MALECOT, Yves	2,259,524	MCI COMMUNICATIONS COR-	
LILLBACKA, Antti	2,258,543	MALECOT, Yves	2,259,525	PORATION	2,259,263
LINDSKOG, Kjell	2,259,624	MALEK, Shahram	2,259,155	MCI COMMUNICATIONS COR-	
LINDSKOG, Kjell	2,259,627	MALININ, Nikolay N.	2,259,300	PORATION	2,259,265
LINTALA, Edward W.	2,259,266	MALKIN, Boris	2,259,011	MCI COMMUNICATIONS COR-	
LIOT, Roger	2,259,462	MALLET, Jacques	2,259,283	PORATION	2,259,271
LIPETSKER, Leonid	2,259,289	MALMASSON, Jacques	2,259,468	MCKECHNIE UK LIMITED	2,259,441
LITCHHOLT, John Joseph	2,258,498	MALSS, Stephen Reinhard	2,259,602	MCKECHNIE UK LIMITED	2,259,443
LITT, Gerald J.	2,259,318	MANDAR, Martine	2,259,512	McKENNA, Hilary J.	2,259,140
LITTEK, Armin Holger	2,259,235	MANIMARAN, Thanikavelu	2,258,085	McKENNA, Linda	2,257,892
LITWIN, Virginia M.	2,257,991	MANNESMANN AKTIENGE-		McLEAN, Allan Joseph	2,258,696
LIU, Jih-Hua	2,258,606	SELLSCHAFT	2,259,409	McNEIL-PPC, INC.	2,259,466
LIU, Margaret A.	2,258,568	MANTEGANI, Sergio	2,258,627	MECKLENBURG, Michael	2,258,941
LJUNG, Per	2,259,571	MANUFACTURE LANDAISE DE		MEDEVELOP AB	2,258,782
LJUNG-GREEN, Henrik	2,258,308	PRODUITS CHIMIQUES	2,259,667	MEDTRONIC, INC.	2,258,289
LOC SYSTEMS, LTD. (L.P.)	2,259,393	MAO, Michael K.	2,258,215	MEDTRONIC, INC.	2,258,757
LOCKE, Randal D.	2,257,539	MARASH, Joseph	2,259,256	MEDTRONIC, INC.	2,258,812
LOCKE, Teresa M.	2,257,539	MARASKOVSKY, Eugene	2,259,140	MEDTRONIC, INC.	2,259,155
LOCKHEED MARTIN		MARCELLUS, Richard C.	2,259,152	MEDUN LTD.	2,259,289
ADVANCED ENVIRON-		MARCHAL, Philippe	2,259,455	MENDELSON, Alfred	2,259,264
MENTAL SYSTEMS, INC.	2,259,130	MARCHETTI, Luigi	2,259,221	MENDELSON, Frederick A.	2,259,137
LOCKHEED MARTIN ENERGY		MARCHETTI, Luigi	2,259,359	MERCK & CO., INC.	2,257,937
RESEARCH CORPORA-		MARFAT, Anthony	2,258,285	MERCK & CO., INC.	2,257,946
TION	2,255,573	MARFILUS, Donald F.	2,259,288	MERCK & CO., INC.	2,258,093
LOFTUS, Stephen Clive	2,259,443	MARINO-FORUM21	2,259,586	MERCK & CO., INC.	2,258,568
LOMP, Gary R.	2,259,351	MARKEM CORPORATION	2,259,689	MERCK SHARP & DOHME LIM-	
LONZA INC.	2,257,998	MARKOVIC, Dejan	2,258,871	ITED	2,258,051
LOOMAS, Bryan	2,258,072	MAROTTA SCIENTIFIC CON-		MERIAL	2,258,735
LOPEZ-BERESTEIN, Gabriel	2,259,144	TROLS, INC.	2,257,341	MERKLE, Hans Rupert	2,257,854
LORD CORPORATION	2,259,516	MARS, Owe	2,258,161	MESHU, David	2,259,347
LORDI, Robert D.	2,259,301	MARSHALL, Martin	2,258,714	METALPLUS (PROPRIETARY)	
LORDI, Robert D.	2,259,362	MARTEL, Rémi	2,259,129	LIMITED	2,259,190
LORIMER, Elaine	2,258,849	MARTIN, Didier	2,259,259	METALS RECYCLING TECH-	
LOUIS DIT PICARD, Louis	2,259,524	MARTIN, Doug	2,259,234	NOLOGIES CORP.	2,259,325
LOUIS DIT PICARD, Louis	2,259,525	MARTIS, Ronald	2,259,319	METALS RECYCLING TECH-	
LOW, Walter C.	2,258,608	MARUYAMA, Atsushi	2,259,139	NOLOGIES CORP.	2,259,423
LOWE, Derek B.	2,258,044	MARYANOFF, Bruce E.	2,258,701	METEX CORPORATION	2,257,833
LUDWIG INSTITUTE FOR CAN-		MASCO CORPORATION	2,259,424	METLAS, Radmila	2,258,871
CER RESEARCH	2,259,124	MASON, William	2,259,477	MEYER, Christian	2,259,193
LÜER, Ingo	2,259,242	MASSENGILL, R. Kemp	2,258,268	MEYERS, Robert Todd	2,259,204
LUFT, Günter	2,259,195	MASSLAB LIMITED	2,259,352		

Index of PCT Applications Entering the National Phase

MEYERS, William C.	2,259,474	NAKAMURA, Makoto	2,259,586	NYCOMED IMAGING AS	2,258,299
MEYERS, William C.	2,259,475	NAKAMURA, Takeshi	2,258,053	OCHI INTERNATIONAL	
MICHOT, Gerard	2,259,188	NAKAMURA, Toru	2,259,396	KABUSHIKI KAISHA	2,259,239
MICRODOSE TECHNOLOGIES, INC.	2,259,404	NAKATSUKA, Katsuto	2,258,092	OCHS, Harold D.	2,259,466
MIHELICH, John	2,256,709	NANOGEN, INC.	2,259,406	ODL, INCORPORATED	2,259,419
MILA VIDAL, Marel	2,259,299	NAREDI, Peter	2,259,208	OGOSHI, Haruki	2,259,172
MILLER, Matthew S.	2,258,662	NAUGHTON, Martin Lawrence	2,259,576	OHMIZU, Akimasa	2,258,740
MILLIMAN, Keith L.	2,258,193	NAYAR, Satinder K.	2,259,494	OHTA, Motohiro	2,258,159
MILSTEIN, Sam J.	2,258,264	NAYLER, Oliver	2,259,122	OKAJIMA, Shigeo	2,258,354
MINAMI, Masaki	2,258,779	NEISZ, Johann J.	2,258,289	OKANO, Shigeo	2,259,241
MINGOT ASCENCAO, José Manuel	2,258,562	NEISZ, Johann J.	2,258,757	OKUNISHI, Hideki	2,257,882
MINNESOTA MINING AND MANUFACTURING COMPANY	2,258,916	NEISZ, Johann J.	2,258,812	OLSSON, Sven-Erik	2,258,207
MINNESOTA MINING AND MANUFACTURING COMPANY	2,259,370	NELSEN, James M.	2,259,155	OPTICAL SENSORS INCORPORATED	2,259,412
MINNESOTA MINING AND MANUFACTURING COMPANY	2,259,494	NELSON, Daniel C.	2,259,373	ORACLE CORPORATION	2,259,544
MIRZADEH, Saed	2,255,573	NEPSUND, Larry R.	2,259,388	ORBITAL ENGINE COMPANY (AUSTRALIA) PTY. LIMITED	2,259,602
MITCHELL, William Leonard	2,258,753	NEUBARTH, Stuart K.	2,259,199	ORDICAM RECHERCHE ET DEVELOPPEMENT	2,259,188
MITSKY, Timothy A.	2,259,251	NEUENDORFF, Keith	2,259,234	ORGANOCURE (PROPRIETARY) LIMITED	2,258,534
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,259,383	NEUENDORFF, Keith	2,259,347	ORIGIN MEDSYSTEMS, INC.	2,258,072
MIZOBUCHI, Manabu	2,259,396	NEVEU, Jean-Louis	2,259,141	ORLEK, Barry Sidney	2,258,238
MOAD, Graeme	2,259,559	NEVEU, Jean-Louis	2,259,524	ORSINI, Francois	2,259,590
MOBICARE APS	2,258,784	NEWMAN, Neil F.	2,259,525	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,258,701
MOBIL OIL CORPORATION	2,259,597	NGUYEN, H.K.	2,259,167	OSBORNE, C. Kent	2,259,154
MOELLER, Ingrid	2,259,137	NGUYEN, Thuong	2,258,936	OSHIDA, Norio	2,258,487
MOGENSEN, John Patrick	2,258,100	NICOLIN, Heinz-Josef	2,258,936	OSHIDA, Norio	2,259,159
MOHARY, Stephen John	2,258,042	NICOLINI, Jorge Osvaldo	2,258,937	OSTRAND, Lars	2,259,300
MOHN, Udo	2,259,667	NIE, Hong	2,259,343	OSTENDORF, Ward William	2,258,992
MOLECULAR BIOLOGY RESOURCES, INC.	2,259,138	NIELSEN, Flemming Elmelund	2,258,591	OSTENDORF, Ward William	2,259,408
MONSANTO COMPANY	2,258,215	NIFANT'EV, Ilya E.	2,258,100	OSTERYOUNG, Katherine W.	2,259,209
MONSANTO COMPANY	2,259,251	NIPPON OIL COMPANY, LTD.	2,258,747	OSTOJA STARZEWSKI, Karl-Heinz Aleksander	2,259,422
MONTANT, Jean-Marc	2,258,930	NIPPON STEEL CORPORATION	2,258,779	OSTOJA STARZEWSKI, Karl-Heinz Aleksander	2,259,434
MONTELL TECHNOLOGY COMPANY B.V.	2,258,747	NISHIKITANI, Yoshinori	2,259,241	OSTOJA STARZEWSKI, Karl-Heinz Aleksander	2,259,435
MONTGOMERY, Donald D.	2,259,523	NISSHIN FLOUR MILLING CO., LTD.	2,258,779	OSTOJA STARZEWSKI, Karl-Heinz Aleksander	2,259,438
MONTGOMERY, John A.	2,258,217	NISSHIN FLOUR MILLING CO., LTD.	2,258,487	OSTOJA STARZEWSKI, Karl-Heinz Aleksander	2,259,553
MONTROY, John Thomas	2,259,502	NISSHINBO INDUSTRIES, INC.	2,259,159	OTAKA, Akira	2,258,661
MOORE, Boyd B.	2,258,480	NITTETSU MINING CO., LTD.	2,259,450	OTRUBA, Svatoboj	2,259,480
MOORE, John P.	2,257,991	NIVEN, Clarence A., Jr.	2,258,092	OTSUKA PHARMACEUTICAL FACTORY, INC.	2,258,535
MORCEL, Yvan	2,259,510	NKK CORPORATION	2,259,370	OTSUKA PHARMACEUTICAL FACTORY, INC.	2,259,450
MORIMOTO, Kiyoshi	2,258,159	NOBLE, Philippe	2,259,241	OTTERSBAUGH, Walter	2,259,409
MORIN, Carol	2,259,038	NOF CORPORATION	2,259,451	OUTTEN, Edward Francis	2,259,205
MOTOROLA, INC.	2,259,165	NOGUCHI, Kenichi	2,259,242	OWENS CORNING	2,259,643
MOTOROLA, INC.	2,259,169	NORDIC WATER PRODUCTS AB	2,259,219	OWENS CORNING	2,259,646
MOTOROLA, INC.	2,259,331			OWENS CORNING	2,259,692
MOTT, John R.	2,259,182			OWENS, Dewey E.	2,255,750
MOULINEX S.A.	2,258,791			OZLUTURK, Fatih M.	2,259,351
MUKOHYAMA, Atsushi	2,259,196			OZONTECH LTD.	2,259,011
MUKOHYAMA, Atsushi	2,259,223			O'CONNOR, Joseph Patrick	2,259,524
MULLEN, Carolyn R.	2,259,127			O'CONNOR, Joseph Patrick	2,259,525
MÜLLER, Dieter	2,259,333			PACAUD, Bernard	2,259,281
MÜLLER, Thomas	2,259,121			PADGETTE, Stephen R.	2,259,251
MÜLLER-GLAUSER, Werner	2,258,281			PAEK, Un Kil	2,257,166
MUNRO, Cindy L.	2,258,011			PAHLING, Werner	2,259,667
MURPHY, Cheryl A.	2,258,277			PALLADINO, Massimiliano	2,257,404
MURPHY, Dennis	2,258,512			PALME, Klaus	2,259,125
MURTHY, Ravi	2,259,544			PALMER, Mitchell J.	2,258,193
MUSICKI, Branislav	2,258,152			PALUS, Thomas J.	2,259,249
MUSKOPF, Brian A.	2,259,308			PALUS, Thomas J.	2,259,361
MYERSON, Allan S.	2,259,325				
MYERSON, Allan S.	2,259,423				
N.A.N.A. NIR OZ	2,259,236				

Index des demandes PCT entrant en phase nationale

PAMUCKU, Rifat	2,258,013	POLYMER TECHNOLOGY COR-	2,259,283
PANTEL, Kurt	2,259,195	PORATION	2,259,263
PAR GOVERNMENT SYSTEMS		PONT, Joseph Luke	2,258,650
CORPORATION	2,258,925	PONT-A-MOUSSON S.A.	2,259,510
PARKER, Joseph C.	2,259,480	POPE, Peter	2,258,714
PARKS, Jerry M.	2,259,692	PORTER, Christopher H.	2,259,412
PARRATT, Julian Simon	2,259,402	POULSEN, Jens Ulrik	2,258,308
PARRY, Diane	2,258,993	POURCEL, Christine	2,258,872
PASCAL, Andrew	2,259,197	POWELL, David L., Jr.	2,259,282
PASCHKE, Edward E.	2,259,611	PRATSINIS, Sotiris E.	2,259,691
PATENT-TREUHAND-GESELL-		PRECISION FABRICS GROUP,	
SCHAFT FÜR ELEK-		INC.	2,259,373
TRISCHE GLUEHLAMPEN		PRENOSIL, Michael Bruce	2,259,204
MBH	2,259,365	PRICE, Stuart Graham	2,259,602
PATOIS, Carl	2,257,908	PRINDLE, Donald R.	2,259,516
PAUGSTADT, Ralf	2,259,622	PRISE, Michael Edward	2,259,230
PAUL, Patrick J.	2,259,379	PRISE, Michael Edward	2,259,238
PAULUCCI, Jeno F.	2,259,293	PROGENICS PHARMACEUTI-	
PAULUS, Henry	2,259,318	CALS, INC.	2,257,991
PAYNE, Michael	2,258,498	PROTON SCIENCES CORP.	2,258,268
PEARSE, Michael	2,258,714	PROUDFOOT, Robert A.	2,259,213
PEIFFER, Dennis G.	2,259,529	PROUST, Philippe	2,259,287
PELLACANI, Luigi	2,258,672	PRUTHI, David	2,259,379
PENALVA SOTO, Miguel Angel	2,258,562	PRYOR, James N.	2,258,881
PENG, Liangcai	2,259,126	PUCKETT, Jeffrey F.	2,259,372
PERKINS, Edward L.	2,259,158	PUGSLEY, Charles H., Jr.	2,258,128
PERLOV, Gena	2,259,011	PURTON, Arthur Joseph Patrick	2,259,576
PERNOD RICARD	2,259,451	PYTCHES, Richard Edward	2,258,714
PERRON, Robert	2,257,908	QUANTUM MAGNETICS, INC.	2,258,268
PERRONE, Ettore	2,257,404	QUARTERMAN, Charmaine	
PERRY, Helen C.	2,258,568	Paulina	2,258,725
PERSON, Daniel	2,259,269	QUASH, Gérard Anthony	2,257,898
PERSON, Daniel	2,259,274	QUINTENS, Dirk	2,259,563
PERSON, Daniel	2,259,276	RABBE, Heinz-Dieter	2,258,645
PETERSEN, Charles Louis	2,259,341	RABIN, Yoed	2,258,619
PETERSON, Donald G.	2,259,370	RACICOT, Douglas A.	2,258,529
PETTERSSON, Frank	2,259,571	RACOSKY, Michael D.	2,259,613
PETTERSSON, Gunnar	2,259,442	RADTEC, INC.	2,259,240
PFIZER INC.	2,258,285	RAFFEL, Michael Allen	2,259,230
PFIZER INC.	2,258,548	RAFFEL, Michael Allen	2,259,238
PFLUGER, Klaus	2,259,476	RAHMAN, Shirley Katherine	2,258,247
PG MUSIC INC.	2,259,369	RAMEY, Milton E.	2,259,202
PHAIRSON MEDICAL, INC.	2,259,151	RANPAK CORP.	2,259,266
PHAN, Hao V.	2,258,085	RANPAK CORP.	2,259,390
PHARMACIA & UPJOHN AB	2,259,442	RATZEL, Richard O.	2,259,266
PHARMACIA & UPJOHN S.P.A.	2,257,404	RAU, Günter	2,258,622
PHARMACIA & UPJOHN S.P.A.	2,258,074	RAYNER, Luz	2,259,375
PHARMACIA & UPJOHN S.P.A.	2,258,627	RAYNER, Luz	2,259,410
PHARMACY & THERAPEUTIC		READMAN, John	2,259,226
ADVISORY CONSUL-		REGENTS OF THE UNIVERSITY	
TANCY LTD.	2,258,696	OF MINNESOTA	2,258,608
PHARMATRIX AB	2,258,017	REGIS, Robert T.	2,259,257
PHILIPP, Karl	2,259,336	REGIS, Robert T.	2,259,261
PHILLIPS, Alan C.	2,259,234	REIB, Gerhard	2,259,660
PIAZZA, Gary A.	2,258,013	REID, John C.	2,258,512
PICKER, Franck	2,258,579	REINICKE, Robert H.	2,257,341
PICKSLEY, Stephen	2,259,149	REIST, Walter	2,259,405
PIERSKALLA, Irvin T.	2,259,412	RESEARCH DEVELOPMENT	
PILLA, Antonio	2,259,240	FOUNDATION	2,258,803
PINES, Jonathan Noe Joseph	2,258,961	RESEARCH DEVELOPMENT	
PIONEER PLASTICS CORPORA-		FOUNDATION	2,259,208
TION	2,259,388	RESEARCH INSTITUTE OF	
PIROTTE, Bernard	2,258,100	PETROLEUM PROCESS-	
PLATICA, Micsumica	2,259,136	ING SINOPEC	2,258,591
PLATICA, Ovidiu	2,259,136	RESNICK, Michael A.	2,259,158
POLAT, Osman	2,258,992	REUDELHUBER, Tim	2,259,129
POLY-SEAL CORPORATION	2,259,436	REUL, Helmut	2,258,622
POLYFIBRON TECHNOLOGIES,		REUTTER METALLWAREN-	
INC.	2,259,426	FABRIK GMBH	2,258,170
		REUTTER, Heinrich	2,258,170
		REVAH, Frédéric	2,259,283
		REYNOLDS, Kevin T.	2,259,263
		RHODIA CHIMIE	2,259,281
		RHODIA FIBER AND RESIN	
		INTERMEDIATES	2,257,908
		RHONE-POULENC AGRO	2,257,825
		RHONE-POULENC RORER S.A.	2,258,792
		RHONE-POULENC RORER S.A.	2,259,283
		RIAH, François	2,258,199
		RICHTER, Wolfgang	2,259,220
		RIEDEL, John E.	2,259,370
		RIFFET, Régis	2,259,452
		RILEY, David A.	2,258,606
		RIPA, Giorgio	2,258,768
		RITCHIE, Andrew James Dalziel	2,259,205
		RIZKALLA, Nabil	2,259,439
		RIZZARDO, Ezio	2,259,559
		RIZZIE, Joseph W.	2,258,579
		RMT, INC.	2,259,204
		ROBERTS, Daniel Lee	2,254,973
		ROBERTS, David Alan	2,257,825
		ROBERTSON, Dan	2,258,512
		ROBERTSON, Dan E.	2,259,540
		ROBERTSON, Frank Charles	2,259,611
		ROBICHON, Patrice	2,259,451
		ROBINSON, Peter	2,259,325
		ROBINSON, Peter	2,259,423
		ROCK, Kenneth L.	2,258,840
		ROCKY MOUNTAIN	
		RESFARCH, INC.	2,259,372
		RODRIGUEZ SAIZ, Marta	2,258,562
		RODRIGUEZ, Michael John	2,258,906
		ROE, Donald Carroll	2,258,498
		ROEGNER, DeAnna	2,259,335
		ROGERS, Neil John	2,258,734
		ROGERS, Ralph F.	2,258,916
		ROLF, John M.	2,258,740
		ROMEO MAGARINO, Antonio	2,259,231
		ROMEO, David J.	2,259,317
		ROMERO MAGARINO, Antonio	2,259,229
		ROSEN, Howard B.	2,259,166
		ROSEN, Robert T.	2,258,821
		ROSENBLUM, Barnett B.	2,258,243
		ROSENGART, Todd	2,259,228
		ROSSI, Antonio	2,258,675
		ROZMAN, Renee J.	2,259,251
		RUBIN, Leslie S.	2,259,363
		RUBINSTEIN, Pablo	2,258,283
		RUEGG, Curtis L.	2,259,337
		RUIZ, Robert	2,259,323
		RUSEK, Stanley J., Jr.	2,259,692
		RUTGERS, THE STATE UNIVER-	
		SITY OF NEW JERSEY	2,258,821
		RUTHENBERG, Meyer L.	2,259,668
		RYALS, John Andrew	2,258,576
		RYAN, Daniel Francis	2,259,206
		RYAN, William R.	2,259,414
		S. C. JOHNSON & SON, INC.	2,259,306
		SAAGER, Christoph	2,258,281
		SADECK, James E.	2,259,321
		SAEDLER, Heinz	2,259,125
		SAFE ROAD AB	2,259,300
		SAFERSTEIN, Lowell	2,258,849
		SAINT-GOBAIN VITRAGE	2,258,937
		SAKAL, Robert	2,258,657
		SAKAL, Robert	2,258,658
		SALTO MALDONADO, Francisco	2,258,562
		SANDIA CORPORATION	2,259,373
		SANG, Chune	2,258,780
		SANG, Chune	2,258,781

Index of PCT Applications Entering the National Phase

SANGEKAR, Surendra A.	2,258,679	SHI, Yulin	2,258,591	SOCIÉTÉ DES PRODUITS	
SANGEKAR, Surendra A.	2,258,683	SHIBATOHI, Kishio	2,259,242	NESTLÉ S.A.	2,259,410
SANJOH, Akira	2,259,395	SHIBAZAKI, Mayu	2,258,079	SOLOMON, Daniel M.	2,258,752
SANTORO, Maria Gabriella	2,258,675	SHIGENO, Kazuhiko	2,258,354	SOMERS, Fabian	2,258,100
SANYAL, Indrajit	2,259,540	SHINAGAWA, Mikio	2,259,386	SOMMER, John L.	2,258,289
SANZ, Gérard Charles	2,258,165	SHINAGAWA, Mikio	2,259,396	SONG, Yonghong	2,258,516
SANZENBACHER, Charles	2,259,325	SHINDO, Masanori	2,258,053	SONY COMPUTER ENTERTAIN-	
SAPORITO, Michael S.	2,258,662	SHINGAI, Akiko	2,258,487	MENT INC.	2,259,247
SARNOFF CORPORATION	2,258,742	SHINGAI, Akiko	2,259,159	SONY COMPUTER ENTERTAIN-	
SASSE, Philip Anthony	2,259,177	SHINOMIYA, Shino	2,258,535	MENT INC.	2,259,328
SATO, Takaya	2,259,450	SHIRAHASE, Hiroaki	2,257,882	SÖRGEI, Günter	2,258,766
SAUERBREI, Bernd	2,258,551	SHIVER, John W.	2,258,568	SOULILLOU, Jean-Paul	2,258,872
SAURO, Raymond J.	2,258,881	SHORE, Gordon C.	2,259,152	SPANTON, Stephen G.	2,258,606
SAVARD, Franck	2,259,279	SHORES, Craig N.	2,258,933	SPEARS, J. Richard	2,258,966
SCALA, Alessandro	2,258,768	SHOWELL, Graham Andrew	2,258,051	SPECIALE, Carmela	2,258,074
SCANIS, INC.	2,259,659	SIBILLE, Patrick Neil	2,255,750	SPECTRX, INC.	2,259,437
SCARINGELLA, David T.	2,258,999	SIEGLER-LATHROP, Patrick Jean		SERL, Gerhard	2,258,013
SCHIEBLICH, Stefan	2,258,650	Georges	2,259,614	SPERRY, Charles Richard	2,258,259
SCHERING CORPORATION	2,258,044	SIEKMANN, Dirk Johannes	2,259,266	SPIREAS, Spiridon	2,257,890
SCHERING CORPORATION	2,258,679	SIEMENS AKTIENGESELL-		SPRY, Andrew J.	2,259,153
SCHERING CORPORATION	2,258,681	SCHAFT	2,258,766	SPURGEON, Sandra L.	2,258,243
SCHERING CORPORATION	2,258,683	SIEMENS AKTIENGESELL-		SQS SECURITY QUBE SYSTEM	
SCHERING CORPORATION	2,258,752	SCHAFT	2,259,193	AB	2,259,624
SCHETTER, Martin	2,259,173	SIEMENS AKTIENGESELL-		SQS SECURITY QUBE SYSTEM	
SCHUEHING, Robert B.	2,259,689	SCHAFT	2,259,195	AB	2,259,627
SCHINDLER, Jeffrey	2,259,338	SIEMENS ENERGY & AUTOMA-		SRINIVASAN, Jagannathan	2,259,544
SCHIO, Laurent	2,258,152	TION, INC.	2,259,202	ST. CLAIR, Kenneth A.	2,259,516
SCHLIENGER, Max P.	2,259,130	SIESS, Thorsten	2,258,622	ST. LOUIS UNIVERSITY	2,259,133
SCHMACK, Bernhard	2,258,492	SIKAND, Parminder	2,259,347	STANFILL, Craig W.	2,259,301
SCHMACK, Hendrawati	2,258,492	SIKAND, Parminder Singh	2,259,341	STANFILL, Craig W.	2,259,362
SCHMID, Beat	2,258,513	SILICON GAMING, INC.	2,259,168	STANISH, Raymond L.	2,259,483
SCHMID, Claudia	2,259,422	SILICON GAMING, INC.	2,259,197	STANLEY AVIATION CORPO-	
SCHMIEG, Joel E.	2,259,529	SILICON GAMING, INC.	2,259,354	RATION	2,258,214
SCHNEPPLE, Thomas	2,259,602	SILVESTRI, Thomas A.	2,259,213	STANLEY, Earl K.	2,259,182
SCHNUR, Rodney Caughren		SIMONELLA, Walter	2,259,452	STANLEY, James Gregory	2,258,912
(Deceased)	2,258,548	SIMULA, INC.	2,259,317	STANLEY, James Gregory	2,259,291
SCHOLL, John Anthony	2,259,213	SINGER, Robert Ernest Jr.	2,257,990	STARKE, David M.	2,259,251
SCHÖNHERR, Michael	2,257,854	SITNIKOV, Alexander A.	2,258,747	STARKE, Claus	2,258,678
SCHROEDER, Alfred A.	2,258,532	SITZEMA, Ronald L., Jr.	2,259,419	STARKEY, Ron	2,259,382
SCHRÖDER, Ulf	2,258,017	SKALLEBERG, Øystein	2,259,305	STATE OF ISRAEL MINISTRY	
SCHULLERUS, Wolfgang	2,259,311	SKALTER AB	2,259,305	OF AGRICULTURE	2,259,236
SCHÜMANN SASOL GMBH &		SKJOLDBORG, Soren	2,258,784	STEFFENS, John C.	2,258,824
CO. KG	2,258,678	SKYGATE INTERNATIONAL		STEIGER, Arthur	2,258,180
SCHWICKARDI, Manfred	2,259,377	TECHNOLOGY N.V.	2,259,564	STEIN, Douglas W.	2,259,684
SCIENTIFIC DESIGN COM-		SLACK, John Alfred	2,258,725	STENNING, David G.	2,259,429
PANY, INC.	2,259,439	SLANGEN, Hubertus Jozef Maria	2,259,491	STEPANEK, Michael J.	2,258,914
SCIENTIFIC GENERICS LIM-		SLATER, Steven C.	2,259,251	STEPHENSON, Harry Thomas	2,259,164
ITED	2,259,191	SLIWKOWSKI, Mark	2,258,721	STEVENS, Alec Martin	2,259,376
SCOTT, David William	2,259,002	SLUSHER, Barbara S.	2,258,587	STIEGMANN, Gregory	2,258,253
SEIDAH, Nabil G.	2,259,129	SLUSHER, Barbara S.	2,258,589	STOCKHAUSEN GMBH & CO.	
SEITZ, Michael Walter	2,259,190	SMERZNAK, Mark Allen	2,258,993	KG	2,259,476
SELBY, Mary T.	2,259,268	SMITH & NEPHEW, INC.	2,259,474	STOLLERY, David	2,259,664
SENEKER, Stephen	2,259,284	SMITH & NEPHEW, INC.	2,259,475	STONEHOUSE, Jonathan Richard	2,258,780
SENSORMATIC ELECTRONICS		SMITH, Douglas A.	2,259,153	STOREY, James	2,258,277
CORPORATION	2,259,518	SMITH, Ian A.	2,259,137	STRATTON, Mark A.	2,259,592
SGI PROZESSTECHNIK GMBH	2,259,660	SMITH, Roy E.	2,259,643	STREET, Leslie Joseph	2,258,051
SHAH, Nainesh P.	2,259,153	SMITH, Roy E.	2,259,646	STRUZER, Roman	2,259,289
SHAH, Navnit Hargovindas	2,258,095	SMITH, Stuart James	2,259,392	STUDIENGESELLSCHAFT	
SHALVARIAN, Thomas	2,259,215	SMITHKLINE BEECHAM COR-		KOHL MBH	2,259,377
SHANAHAN, Cynthia M.	2,258,213	PORATION	2,257,968	STUMPF, Andreas	2,259,422
SHAW, Matthew H.	2,259,232	SMITHKLINE BEECHAM P.L.C.	2,258,238	STUMPF, Andreas	2,259,434
SHAW, Robert Francis	2,258,601	SMITHKLINE BEECHAM P.L.C.	2,258,240	STUMPF, Andreas	2,259,435
SHELL OIL COMPANY	2,259,411	SMITHKLINE BEECHAM P.L.C.	2,258,247	STUMPF, Andreas	2,259,438
SHEPHERD, Robert J.	2,259,210	SMITHKLINE BEECHAM P.L.C.	2,258,559	STUMPF, Andreas	2,259,553
SHER, Mark Henry	2,258,263	SNAP-ON TECHNOLOGIES, INC.		SUDA, Yoshimitsu	2,258,354
SHERARD, Jack L.	2,259,249		2,259,485	SUGIMURA, Akihiro	2,259,328
SHERARD, Jack L.	2,259,361	SNYDER, Nancy June	2,258,906	SUGIYAMA, Norihide	2,259,578
SHERLOCK, Margaret H.	2,258,752	SOCIÉTÉ DES PRODUITS		SULZER INTERMEDICS INC.	2,259,379
SHI, Jianwen	2,258,591	NESTLÉ S.A.	2,259,375	SULZER ORTHOPADIE AG	2,258,281
SHI, Yuhua	2,258,591			SULZER VASCUTEK LTD.	2,258,732

Index des demandes PCT entrant en phase nationale

SUMITOMO METAL INDUSTRIES, LTD.	2,259,241	TEXTRON FASTENING SYSTEMS LIMITED	2,259,357	THE PROCTER & GAMBLE COMPANY	2,259,134
SUMITOMO METAL INDUSTRIES, LTD.	2,259,395	THANG, San Hoa	2,259,559	THE PROCTER & GAMBLE COMPANY	2,259,303
SUN ELECTRIC U.K. LIMITED	2,259,664	THE AGRICULTURAL GAS COMPANY	2,259,267	THE PROCTER & GAMBLE COMPANY	2,259,304
SUNDS DEFIBRATOR WOODHANDLING OY	2,259,599	THE AUSTRALIAN NATIONAL UNIVERSITY	2,259,126	THE PROCTER & GAMBLE COMPANY	2,259,398
SUNDSTRAND CORPORATION	2,259,226	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2,259,337	THE PROCTER & GAMBLE COMPANY	2,259,408
SUOKAS, Jouni	2,258,566	THE COCA-COLA COMPANY	2,258,532	THE PROCTER & GAMBLE COMPANY	2,259,445
SUPPORT SYSTEMS INTERNATIONAL INDUSTRIES	2,258,930	THE DOW CHEMICAL COMPANY	2,258,672	THE PROCTER & GAMBLE COMPANY	2,258,787
SURVIVORS OF THE SHOAH VISUAL HISTORY FOUNDATION	2,259,610	THE DOW CHEMICAL COMPANY	2,259,561	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,258,789
SUSTACHEK, Joann C.	2,259,127	THE DUPONT MERCK PHARMACEUTICAL COMPANY	2,259,343	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,257,976
SUZUKI, Masashi	2,258,487	THE FURUKAWA ELECTRIC CO., LTD.	2,259,172	THE SCRIPPS RESEARCH INSTITUTE	2,258,565
SUZUKI, Masashi	2,259,159	THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRET	2,259,158	THE STATE OF ISRAEL, ATOMIC ENERGY COMMISSION SOREQ NUCLEAR RESEARCH CENTER	2,258,631
SWAFFAR, Scott E.	2,258,128	THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRET	2,259,465	THE UNITED STATES OF AMERICA	2,259,321
SWEET, Charles S.	2,257,946	THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRET	2,259,184	THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE ARMY	2,259,181
SYMONS, Michael Windsor	2,258,758	THE HELPING HAND COMPANY (LEDBURY) LIMITED	2,259,323	THE UNIVERSITY OF CINCINNATI	2,259,691
TADA, Yukio	2,258,354	THE NUTRASWEET KELCO COMPANY	2,258,213	THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,259,210
TAGLIAPIETRA, Luigi	2,259,545	THE PENN STATE RESEARCH FOUNDATION	2,258,018	THE VICTORIA UNIVERSITY OF MANCHESTER	2,259,374
TAGMOSE, Tina Moller	2,258,100	THE PERKIN-ELMER CORPORATION	2,258,243	THERMOGENESIS CORPORATION	2,258,283
TAIHO PHARMACEUTICAL CO., LTD.	2,258,354	THE PROCTER & GAMBLE COMPANY	2,257,945	THEROX, INC.	2,258,966
TAKAESU, Noboru	2,258,779	THE PROCTER & GAMBLE COMPANY	2,257,990	THIXOMAT, INC.	2,256,709
TAKAHASHI, Toshihiko	2,259,626	THE PROCTER & GAMBLE COMPANY	2,258,199	THOMAS, Frederick William	2,259,146
TAKANO, Yoshinobu	2,259,578	THE PROCTER & GAMBLE COMPANY	2,258,202	THOMPSON, David Francis	2,259,417
TAKASU, Masako	2,258,487	THE PROCTER & GAMBLE COMPANY	2,258,484	THOMPSON, Mervyn	2,258,238
TAKASU, Masako	2,259,159	THE PROCTER & GAMBLE COMPANY	2,258,498	THORPE, Allen W.	2,259,200
TAKATA, Satoshi	2,258,836	THE PROCTER & GAMBLE COMPANY	2,258,781	THURSTON, Garrett S.	2,258,999
TAKEDA, Toshihiko	2,259,196	THE PROCTER & GAMBLE COMPANY	2,258,845	TIBBITT, James M.	2,259,611
TAKEDA, Toshihiko	2,259,223	THE PROCTER & GAMBLE COMPANY	2,258,860	TILLE, Carsten	2,259,311
TAKITA, Kotaro	2,259,579	THE PROCTER & GAMBLE COMPANY	2,258,992	TJALKENS, Tjalling Jan TO, John	2,259,568
TALMOR, Mia	2,259,228	THE PROCTER & GAMBLE COMPANY	2,258,993	TOAN, Vien Van	2,258,072
TAMBURRO, Maurizio	2,259,398	THE PROCTER & GAMBLE COMPANY		TOKUNAGA, Yoshinori	2,258,523
TAMBURRO, Maurizio	2,259,445	THE PROCTER & GAMBLE COMPANY		TOKUNO, Sanji	2,259,396
TANN, Chou-Hong	2,258,681	THE PROCTER & GAMBLE COMPANY		TOKYO KYUEI CO., LTD.	2,258,159
TANNEMYR, Michael	2,259,385	THE PROCTER & GAMBLE COMPANY		TOME PEREZ, Jesus	2,259,586
TARASCON, Jean-Marie	2,259,590	THE PROCTER & GAMBLE COMPANY		TONEN CHEMICAL CORPORATION	2,259,231
TARI, Ana M.	2,259,144	THE PROCTER & GAMBLE COMPANY		TORAY INDUSTRIES, INC.	2,259,579
TAUSCHEK, Georg	2,259,186	THE PROCTER & GAMBLE COMPANY		TOSTENSON, David J.	2,259,219
TAYLOR, Edward W., Jr.	2,259,200	THE PROCTER & GAMBLE COMPANY		TOTAL CONTAINMENT, INC.	2,259,178
TAYLOR, Scott V.	2,258,805	THE PROCTER & GAMBLE COMPANY		TOUBOUL, Marcel	2,258,952
TAYLOR, Stephen John Clifford	2,259,402	THE PROCTER & GAMBLE COMPANY		TOUISAENT, Robert Edward	2,259,590
TAYS, Kevin L.	2,258,587	THE PROCTER & GAMBLE COMPANY		TOWART, Robertson	2,259,597
TAYS, Kevin L.	2,258,589	THE PROCTER & GAMBLE COMPANY		TOWNSEND, John A.	2,258,299
TEBOUL, Daniel	2,258,929	THE PROCTER & GAMBLE COMPANY		TRAN, Vinh H.	2,258,998
TECHNISCHE UNIVERSITEIT DELFT	2,259,253	THE PROCTER & GAMBLE COMPANY		TRAUNINGER, Walter	2,259,291
TECHNISCHE UNIVERSITEIT EINDHOVEN	2,259,568	THE PROCTER & GAMBLE COMPANY		TREDF, Michael	2,259,653
TEIJIN LIMITED	2,259,536	THE PROCTER & GAMBLE COMPANY		TREMAINE, Laurence	2,258,684
TELEFONAKTIEBOLAGET LM ERICSSON	2,259,315	THE PROCTER & GAMBLE COMPANY			2,258,657
TELIA AB	2,259,571	THE PROCTER & GAMBLE COMPANY			
TELXON CORPORATION	2,259,153	THE PROCTER & GAMBLE COMPANY			
TENEBERG, Eric	2,258,205	THE PROCTER & GAMBLE COMPANY			
TEODORO, Jose G.	2,259,152	THE PROCTER & GAMBLE COMPANY			
TERAMOTO, Mitsuru	2,259,536	THE PROCTER & GAMBLE COMPANY			
TERHUNE, Daniel	2,259,347	THE PROCTER & GAMBLE COMPANY			
TERHUNE, Daniel Scott	2,259,341	THE PROCTER & GAMBLE COMPANY			
TETRA LAVAL HOLDINGS & FINANCE S.A.	2,258,738	THE PROCTER & GAMBLE COMPANY			
TETRA PAK HOYER A/S	2,259,244	THE PROCTER & GAMBLE COMPANY			
TEXACO DEVELOPMENT CORPORATION	2,259,282	THE PROCTER & GAMBLE COMPANY			
TEXAS RESEARCH INSTITUTE AUSTIN, INC.	2,259,308	THE PROCTER & GAMBLE COMPANY			

Index of PCT Applications Entering the National Phase

TREMAINE, Laurence	2,258,658	VANDLEN, Richard L.	2,258,721	WESTINGHOUSE ELECTRIC CORPORATION	2,259,414
TRITZ, Richard	2,258,858	VANHOVE, Bernard	2,258,872	WEYMANN, Kristianna Baldwin	2,258,576
TRKOLA, Alexandra	2,257,991	VARASI, Mario	2,258,074	WILKINSON, John Harry	2,257,825
TROMPOWER, Michael L.	2,259,153	VARASI, Mario	2,258,627	WILKINSON, William T.	2,259,198
TRYSON, Glen R.	2,254,973	VARI-L COMPANY, INC.	2,259,662	WILKOSZ, Richard K.	2,259,138
TSAL, David J.S.	2,258,681	VAUGHN, Richard P.	2,259,240	WILLEMS, Franciscus Maria Joannes	2,259,568
TSAL, Mingliang	2,259,004	VAYNTRAUB, Michael M.	2,259,432	WILLIAM, Spencer Worley III	2,259,161
TSCHIDA, Ernst	2,259,653	VELJKOVIC, Veljko	2,258,871	WILLIAMS, Jonathan Gareth	2,258,725
TSCHIRNER, Peter	2,259,380	VEMURY, Srinivas	2,259,691	WILLIAMSON, Richard Edward	2,259,126
TSCHOLLAR, Werner	2,258,513	VENET, Marc Gaston	2,258,165	WILSBURG, Heinz-Manfred	2,259,326
TSUKAMOTO, Ryoji	2,259,536	VERDAGUER, Bertrand	2,258,565	WINDSOR TECHNOLOGIES LIMITED	2,258,758
TUCKER, Lewis Alexander	2,258,787	VERDURI, Javier	2,259,475	WINIGRAD, Daniel	2,259,684
TURCOTTE, Randy Lee	2,259,331	VESUVIUS CRUCIBLE COMPANY	2,259,488	WINQVIST, Fredrick	2,258,941
TVERSKOY, Grigory N.	2,259,289	VICTAULIC COMPANY OF AMERICA	2,258,486	WISMAN, Ellen	2,259,125
TYLER, Jean	2,259,342	VILLAGRAN, Francisco Valentino	2,259,304	WITCO CORPORATION	2,258,708
TYLER, Richard Arthur	2,259,342	VILLAGRAN, Maria Dolores	2,259,304	WITTENBRINK, Robert Jay	2,259,206
U.N.I.R. ULTRA PROPRIETARY NUTRITION INDUSTRIES-RECHERCHE	2,259,455	VILLEMAREZ, Jean-François	2,259,262	WOLMARK, Norman	2,258,619
UCHIDA, Makoto	2,259,196	VINCENS, Gary F.	2,259,321	WOODMAN IP HOLDINGS LIMITED	2,259,146
UCHIDA, Makoto	2,259,223	VIRGINIA COMMONWEALTH UNIVERSITY	2,258,011	WOOLLEY, Louis A.	2,258,925
UECKER, Darrin R.	2,259,272	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	2,258,168	WORTH, David Richard	2,259,602
UEHARA, Tsutomu	2,259,450	VIRNELSON, Kevin M.	2,259,390	WORTHINGTON, James Stephen	2,259,235
UEMATSU, Kazuo	2,259,383	VISCOUNT, Helen B.	2,258,011	WRIGHT, Craig D.	2,258,907
UEMURA, Atsuhiko	2,258,354	VISIBLE GENETICS INC.	2,259,314	WRIGHT, Jim A.	2,259,123
UGHETTI, Ricardo Julio	2,259,343	VITAL INSITE, INC.	2,258,263	WROBEL, James J.	2,259,226
UKACHI, Takashi	2,259,626	VITALLER ALBA, Alejandro	2,258,562	WU, Mianxue	2,259,340
UKENO, Richard	2,259,341	VLG VIRTUAL LASER GAMES GMBH	2,259,220	WU, Mianxue	2,259,682
UKON, Masakatsu	2,259,626	VOLLKOMMER, Frank	2,259,365	WU, Tsung-Ching	2,259,631
ULLRICH, Axel	2,259,122	VORANGER, Danièle	2,259,277	WUESCHINSKI, Russell P.	2,258,933
UNGCHUSRI, Tep	2,259,589	VORONOV, Evgeny	2,259,289	WYCECH, Joseph S.	2,259,387
UNILEVER PLC	2,258,614	VUORINEN, Vesa	2,258,235	XIONG, Zhenlin	2,258,591
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION	2,259,264	W.R. GRACE & CO.-CONN.	2,258,881	XYDEAS, Costas	2,259,374
UNITED CONTAINER MACHINERY, INC.	2,259,668	WACKER-CHEMIE GMBH	2,259,380	YAMADA, Shozo	2,258,354
UNITED STATES SURGICAL CORPORATION	2,258,193	WAECHTER, Mark	2,259,234	YAMAGA, Noriyuki	2,259,386
UNIVERSITE DE MONTREAL	2,259,132	WAI, John S.	2,257,937	YAMAGA, Noriyuki	2,259,396
UNIVERSITE DE SHERBROOKE	2,259,389	WADHAS, Manfred	2,259,195	YAMAMOTO, Yasuyuki	2,259,247
UNIVERSITY OF ARIZONA	2,258,013	WAKE FOREST UNIVERSITY	2,258,525	YAMAMOTO, Yoshihisa	2,258,053
UNIVERSITY OF MASSACHUSETTS	2,259,474	WALDMANN, Herbert	2,258,551	YAMANE, Yasuyoshi	2,259,241
UNIVERSITY OF MASSACHUSETTS	2,259,475	WALDSTROM, Ejvind	2,259,244	YAMAOKA, Ippei	2,259,450
UNIVERSITY OF NEVADA	2,259,209	WALKER, Michael R.	2,259,245	YAMASHITA, Tomohiro	2,258,354
UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,258,840	WALLENFRIEDMAN, Margaret, A.	2,258,608	YANAI, Makoto	2,258,487
UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,258,081	WALLIS, Robert S.	2,259,248	YANAI, Makoto	2,259,159
UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,259,139	WALTER, Bruno H.	2,258,493	YANG, Chester Qixing	2,259,517
UROCATH CORPORATION	2,258,869	WANDSCHNEIDER, Guido	2,259,394	YANIV, Gershon	2,259,317
UTAS, Jan	2,258,077	WANDSCHNEIDER, Ingeborg	2,259,394	YANNAI, Shmuel	2,259,011
VADINO, Winston A.	2,258,679	WANG, Enoch I.	2,259,574	YASUDA, Orie	2,258,487
VADINO, Winston A.	2,258,683	WANG, Hong Yang	2,259,122	YASUDA, Orie	2,259,159
VALEMBOIS, Guy	2,259,452	WANG, Yukun	2,259,272	YATSUO, Tsutomu	2,259,554
VALET, Andreas	2,258,523	WARD, Christine	2,258,168	YEE, Deborah Jane	2,258,787
VALLE, Vittorio	2,258,768	WARNER, Brian James	2,257,833	YFANTIS, Evangelos Andrew	2,259,168
VALMET CORPORATION	2,258,232	WARREN, Ronald Michael	2,259,576	YODA, Yuriko	2,259,239
VALMET CORPORATION	2,258,235	WASHINGTON UNIVERSITY	2,259,133	YORK INTERNATIONAL CORPORATION	2,258,933
VAN DE GOOT, Ernst Lorenzo	2,258,969	WATANABE, Nobuhisa	2,258,079	YOSHIMI, Akihisa	2,257,882
VAN DEN EYNDE, Benoit	2,259,124	WATANABE, Yasushi	2,258,159	YOSHIOKA, Kenichi	2,259,219
VAN DER LELY, Cornelis	2,259,577	WATT, Paul William	2,258,849	YOUNG, Aiping H.	2,259,123
VAN DER LELY, Olaf	2,259,577	WAYNE STATE UNIVERSITY	2,258,966	YOUNG, James D.	2,259,391
VAN PATTERSON, Frank	2,258,253	WEEDBUG PTY. LTD.	2,259,376	YOUNG, James D.	2,259,497
VAN ROOIJEN, Willem Abraham	2,258,534	WEEKS, Reitha	2,259,376	YOUNG, John David	2,259,163
		WEHRMANN, Rolf	2,258,580	YOUNG, Robert E.	2,258,085
		WEI, Yi	2,259,563	YOUNG, Steven D.	2,258,093
		WEIMAR, James H.	2,259,364	YOUNG, Steven D.	2,257,937
		WEINDORF, Martin	2,258,925	YU, Mang	2,258,858
		WEISS, Oliver	2,259,173	YUNUS, Mohammad	2,259,378
		WEN, Han	2,259,397	ZALESKY, Paul J.	2,258,966
		WERLE, Peter	2,259,465	ZDANIS, Dana A.	2,258,213
			2,259,667	ZECH, Manfred	2,258,281

Index des demandes PCT entrant en phase nationale

ZELLER, Max	2,258,095
ZHANG, Jane	2,257,833
ZHANG, Xumu	2,258,018
ZHANG, Yanping	2,258,591
ZHDANOV, Michael S.	2,258,081
ZHU, Yiqin	2,258,591
ZHU, Yuduo	2,259,364
ZIMMERMAN, Stephen Paul	2,259,303
ZSCHEILE, John	2,259,372
ZUMSTEIN, Ronald C.	2,258,085
ZWEIFEL, Mark James	2,258,906
ZYGAM, INC.	2,259,147

Index of PCT Applications Entering the National Phase

Index of Canadian Laid-Open Applications Previously Unavailable for Publishing

Index des demandes canadiennes mises à la disponibilité du public non disponible auparavant pour publication

AMAGASA, Toshiaki	2,255,442
AMANUMA, Shuji	2,255,442
BRAKEMINDER CANADA INC.	2,209,180
BUCKINGHAM, Michael Joslin	2,259,044
DEFRIETAS, Kenneth F.	2,259,633
EGUCHI, Toshinobu	2,255,442
FURUYA, Hideyuki	2,255,396
GAUVIN, Daniel N.	2,213,435
HARDY, Stephane	2,212,085
HASHIMOTO, Michio	2,255,442
HAYASHI, Kanji	2,255,442
HIRABAYASHI, Takeshi	2,255,442
IGWEMEZIE, Jude O.	2,214,279
INOUE, Yoshifumi	2,255,396
ISOYAMA, Shigeru	2,255,442
JAPAN ENERGY CORPORATION	2,255,396
KAWASAKI STEEL CORPORATION	2,255,442
KURODA, Akio	2,255,442
LYKE, Daniel N.	2,259,633
McKINNEY, Vernon Lorne	2,258,444
MAEDA, Fumihito	2,255,442
MATSUDA, Hitoshi	2,255,396
MISAWA, Satoru	2,255,396
MITO, Yoshiki	2,255,442
mitsubishi denki kabushiki KAISHA	2,255,442
MITSUBISHI JUKOGYO KABUSHIKI KAISHA	2,255,442
MIYAMOTO, Kunio	2,255,442
MORIMOTO, Kazuo	2,255,442
MULLEN, Bob	2,209,158
NAKANO, Hiroyuki	2,255,442
NIKAIDO, Hideyuki	2,255,442
NITTA, Junzo	2,255,442
OSADA, Masashi	2,255,442
PARK, Hyoun	2,209,153
PELLEGRINO, Anthony J.	2,259,633
RTZ MINING AND EXPLORA- TION LTD.	2,259,044
SAKAMOTO, Hideo	2,255,442
SCHUTZ, Richard F.	2,259,633
SELLIN, Wilhelm Karl	2,209,180
TAKASHIMA, Norio	2,255,442
TAKECHI, Toshisada	2,255,442
TAMURA, Nozomu	2,255,442
THE UNIVERSITY OF WESTERN AUSTRALIA	2,259,044
THERMOTREX CORPORATION	2,259,633
TSURUSAKI, Kazuya	2,255,442
VAN KANN, Frank Joaschim	2,259,044
WAKAMOTO, Ikuro	2,255,442
YAMADA, Hirosuke	2,255,442
YAMASAKI, Takahiro	2,255,442

Index of Canadian Laid-Open Applications Previously Unavailable for Publishing



